

Landolt-Börnstein

Numerical Data and Functional Relationships in Science and Technology

New Series / Editor in Chief: W. Martienssen

Group IV: Physical Chemistry

Volume 18

Viscosity of Pure Organic Liquids and Binary Liquid Mixtures

Subvolume A

**Pure Organometallic and Organononmetallic Liquids,
Binary Liquid Mixtures**

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Edited by M. D. Lechner



Springer

ISSN 1615-2018 (Physical Chemistry)

ISBN 3-540-64584-5 Springer-Verlag Berlin Heidelberg New York

Library of Congress Cataloging in Publication Data

Zahlenwerte und Funktionen aus Naturwissenschaften und Technik, Neue Serie

Editor in Chief: W. Martienssen

Vol. IV/20C: Editor: M.D. Lechner

At head of title: Landolt-Börnstein. Added t.p.: Numerical data and functional relationships in science and technology.

Tables chiefly in English.

Intended to supersede the Physikalisch-chemische Tabellen by H. Landolt and R. Börnstein of which the 6th ed. began publication in 1950 under title:

Zahlenwerte und Funktionen aus Physik, Chemie, Astronomie, Geophysik und Technik.

Vols. published after v. 1 of group I have imprint: Berlin, New York, Springer-Verlag

Includes bibliographies.

I. Physics--Tables. 2. Chemistry--Tables. 3. Engineering--Tables.

I. Börnstein, R. (Richard), 1852-1913. II. Landolt, H. (Hans), 1831-1910.

III. Physikalisch-chemische Tabellen. IV. Title: Numerical data and functional relationships in science and technology.

QC61.23 502'.12 62-53136

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Springer-Verlag Berlin Heidelberg New York

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Printed in Germany

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Cover layout: Erich Kirchner, Heidelberg

Typesetting: Authors and Redaktion Landolt-Börnstein, Darmstadt

Printing: Computer to plate, Mercedes-Druck, Berlin

Binding: Lüderitz & Bauer, Berlin

SPIN: 10639275 63/3020 - 5 4 3 2 1 0 - Printed on acid-free paper

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Preface

The calculation, interpretation and prediction of the physical quantities of moving particles and liquids need precise values of the viscosities. The most famous equations are *Stoke's* law for the velocity of a moving particle in a liquid, other translational and rotational frictional coefficients for different particle shapes, and *Hagen-Poiseuille's* law for the viscosity of a pure liquid. Furthermore viscosities are needed for many technical applications where liquids and liquid mixtures are forced to move from one place to another.

In contrast to the 6th Edition of Landolt-Börnstein it is nowadays impossible to include the complete data in the printed version. The policy of the New Series Edition of Landolt-Börnstein is therefore to store all data and references in electronic files but only selected data and references in the printed version. The author and the editor have decided to establish selected data by avoiding long lists of viscosities for one system with respect to the printed version of this volume. The electronic version contains the complete data.

Volume IV/18 is divided into two subvolumes. Subvolume IV/18A contains the viscosities of pure organometallic and organononmetallic liquids and binary liquid mixtures. Subvolume IV/18B contains the viscosities of pure organic liquids.

The complete data of pure organic liquids and binary liquid mixtures are available on the provided CD-ROM as PDF-files together with the program Adobe Acrobat Reader. You have to install only this program to jump directly into the data files and search for liquids, mixtures of liquids, references, and viscosities at different temperatures by the fulltext search engine. Additionally it would be possible to get the computerized data from the electronic version for numerical calculations and graphical presentations.

The editor kindly acknowledges the support of Dr. R. Poerschke and Dr. H. Seemüller from Springer-Verlag. The publisher and the editor are confident that this volume will increase the use of the "Landolt-Börnstein."

Osnabrück, October 2000

The Editor

1 Introduction

1.1 Selection of data

Thirty years after the publication of a data collection on viscosities in the 6th edition of Landolt-Börnstein [69A1], two new volumes are presented here, providing an up-to-date information on this property (the final date of this new data collection is December 1999).

In comparison to other thermophysical properties of liquids, viscosity is a quite well documented property. Many handbooks, e.g. the CRC Handbook of chemistry and physics [94L1], and also a number of electronic data bases (e.g., consult the file NUMERIGUIDE provided by STN International), contain data or, at least, constants of fitting functions for the viscosity of liquids. However, there is no database that provides the complete material. The most recent data book on viscosity of pure liquids was prepared by Viswanath and Natarajan [89V] providing original data as well as constants of common fitting functions for about 900 liquids. Reliable functions for the viscosity of chemicals covering their whole liquid state can be found in the tables of the DIPPR project [89D1], the underlying experimental data have to be searched online in the DIPPR database (additionally, DIPPR provides predicted data based on careful calculations applying group contribution approaches). Using these sources and, of course, the data from the 6th edition of Landolt-Börnstein as starting points, we searched in Chemical Abstracts up to the end of 1999 under the key word 'viscosity', and, additionally, our own data files were checked to produce this data collection.

Because of the vast amount of data on viscosities available today, in comparison to the former collection in the 6th edition of Landolt-Börnstein series, a specialisation for the new volumes was necessary. The *main specialisation* is the focus on *non-electrolyte systems*, and only data for pure liquids and binary liquid mixtures *at normal pressure* (or at the saturation vapour pressure) were taken into account for this volume and, of course, all corresponding data from the 6th edition are included (in most cases these older data are now provided at the CD-ROM accompanying this volume). Additional information is given to literature sources where pressure dependent data were published. Special care to viscosities of liquids under pressure was taken in the books by Stephan and Lucas [79S1] and by Touloukian [75T1]. Liquid-crystalline substances are included in this volume, but in their isotropic state only. Any inorganic liquids, molten metals and metallic alloys, molten salts, molten glasses and other high-temperature melts could not be included. For mixtures, this data collection is restricted to binary liquid mixtures, i.e. no solutions of any solids and especially no electrolytes are included here. At least, one of the two liquids in a mixture under consideration in this volume is an organic one, i.e. really inorganic mixtures were not taken into account here. Viscosities of electrolyte solutions in non-aqueous media were just recently collected and published by Barthel and co-workers [97B1]. Surfactant solutions, micellar systems, etc. will be presented later in a special volume of the Landolt-Börnstein series. Polymer solutions were considered in the Polymer Handbook and will not be included here [99S1]. At least it should be noted that this volume is devoted to data in the range of Newtonian viscosity behaviour only where the shear rate is proportional to the shear stress (steady-state conditions at low shear rates).

Nevertheless, the amount of data much exceeds the available place for printing. Thus, *the volume contains an electronic form (CD-ROM)* where all nonprinted data are available. For all printed data, a

selection was made. In contrast to most of the above-mentioned sources, we decided to print one or two recommended *original data sets* and not smoothed data. However, the literature search carried out for preparing this volume reveals that viscosity measurements for a large number of liquids have only been reported once. Furthermore, a general evaluation of viscosity data is difficult. The most problematic source of errors is the purity of the substances. This is especially true for measurements on substances in the past, when substances of very high purity were not available and the investigators had to prepare their own compounds. Therefore, in all cases where it was possible, measurements made in recent years were preferred to older ones. However, scattering of data points is in some cases tremendous. Selection of the data was therefore made under the following aspects: (i) the temperature dependence was checked (if data are available over a certain temperature range), (ii) purity statements were compared, (iii) methods of measurement used and quality of apparatus and equipment were checked; above the normal boiling point data measured at the vapour pressure of the saturated liquid in equilibrium with the vapour were preferred (avoiding problems with air or gas solubility), (iv) the experience of those authors who conducted extensive series of measurements over a period of several years was taken into account. Nevertheless, selected data from different authors may show differences being larger than the usual accuracy of the data itself. The repeatability achieved in precise measurements is 0.01%, scattering of good data is $\pm 0.1\%$, the common error is about $\pm(0.3-0.5)\%$, but deviations/errors may even reach 10%, especially in the case of older data. Providing the original data ensures that the user receives the information of their inherent inaccuracy without smoothing. For many liquids, however, the user will not have a choice between several data sets for the viscosity, because it was measured only once. This is also true for many binary mixtures. For all cases where more data were collected than selected and printed in this volume, **the substance is marked by an asterisk (*)** and the user can employ additional data from the CD-ROM. For a number of substances, some smoothed values are also included there for comparison. For mixtures, the asterisks point to further/additional data on CD-ROM, e.g. for data at different temperatures and, especially, if quite a lot of measurements were made on a given system like water + ethanol.

1.2 Definitions, units and measurement methods

This volume contains data on viscosity of liquids as a function of temperature, and - for the binary mixtures - as a function of composition at normal pressure (or at the saturation vapour pressure).

Viscosity η

The viscosity belongs to the transport properties. These properties differ from thermodynamic properties in that they describe the behaviour of systems that are not in equilibrium. The three properties of most importance are viscosity describing momentum transport, thermal conductivity describing energy transport, and diffusion describing mass transport.

Viscosity is a measure of the resistance to flow when a fluid is subjected to a shear stress. Fluids are sometimes referred to as mobile or viscous according to their tendency to flow readily or not. Viscosity is defined as the proportionality factor between shear rate and shear stress:

$$F = \eta A (dv/dx) \quad (1)$$

where F is the tangential force required to move a planar surface of area A at a velocity v relative to a parallel surface separated from the first by a distance x . For ordinary liquids η is a constant; such a behaviour is called *Newtonian* (non-*Newtonian* behaviour is not considered here). The quantity η defined via equation (1) is sometimes called *dynamic viscosity* or *absolute viscosity*. A relative quantity called *kinematic viscosity* (symbol ν) is defined as the ratio of η divided by the density ρ of the fluid at the same measuring conditions:

$$\nu = \eta / \rho \quad (2)$$

The viscosity of liquids always decreases monotonically with increasing temperature. This decrease is generally quite sharp and can be described roughly by the simple form $1/\eta = (1/\eta_0) \exp[-E/RT]$, where $(1/\eta)$ is the fluidity and E is the energy of an exchange process ($E = 4 - 20$ kJ/mol). However, for the complete temperature range of the liquid state, equation (3) is recommended [89D1, 94L2]:

$$\ln(\eta/\text{Pa s}) = A + B / [C - (T/K)] + D \ln(T/K) + E (T/K)^F \quad (3)$$

with coefficients A, B, C, D, E and F that can be found for a number of liquids in the literature and also in some handbooks, e.g. [89D1, 89V1, 95Y1].

The *SI unit for the dynamic viscosity* is Pascal second (Pa s). A convenient submultiple for viscosities of liquids is mPa s, which is used throughout this volume and happens to be identical with the older unit centipoise (cP). Poise is related to the units within the *cgs system* by $1 \text{ P} = 1 \text{ g}/(\text{cm s}) = 1 \text{ dyn s}/\text{cm}^2$.

The *SI unit for the kinematic viscosity* is square meter per second (m^2/s). A convenient submultiple for viscosities of liquids is mm^2/s ($= 10^{-6} \text{ m}^2/\text{s}$), which is used throughout this volume and is identical with the older unit centistokes (cSt). Stokes is related to the units within the *cgs system* by $1 \text{ St} = 1 \text{ cm}^2/\text{s}$.

Methods for the measurement of viscosity of fluids were carefully reviewed by IUPAC Commission on Thermodynamics in its Experimental Thermodynamics Series [91IU2]. Additionally, international and national standards for measurements of viscosity were fixed for routine viscometers (e.g., ISO 3105-1976 Glass Capillary Kinematic Viscometers, ANSI/ASTM D446-74 Standard Specifications and Operating Instructions for Glass Capillary Kinematic Viscometers, DIN 51562 Determination of Kinematic Viscosity using the Standard Design Ubbelohde Viscometer, BS188:1977 Methods for Determination of the Viscosity of Liquids, JIS Z 8803 Methods for Viscosity Measurement). Thus, a brief outline should be sufficient here.

In principle, there are three basic types of viscometers: capillary viscometers, falling-body viscometers, and oscillating-body viscometers.

Capillary viscometers are the most extensively used instruments for the measurement of viscosity of liquids because of their advantages of simplicity of construction and operation. Both absolute and relative instruments were constructed. The theory of these viscometers is based on the Hagen-Poiseuille equation that expresses the viscosity of a fluid flowing through a circular tube of radius r and length L in dependence of the pressure drop ΔP and volumetric flow rate Q , corrected by terms for the so-called kinetic-energy and end corrections:

$$\eta = \pi r^4 \Delta P / [8Q(L + nr)] - m\rho Q / [8\pi(L + nr)] \quad (4)$$

where n is the end-correction factor and m is the kinetic-energy correction factor. Equation (4) is derived under a number of assumptions (straight and uniform capillary, incompressible fluid at constant density, *Newtonian* behaviour, etc.) that will not be discussed here (see [91IU2]). Whenever deviations from these assumptions are unavoidable, it is necessary to apply corrections to account for them. Finally, parameters n and m must be determined experimentally or theoretically. An absolute master capillary viscometer is designed and used so as to make the second term in equation (4) negligibly small. However, since the range of liquid viscosity covered by one viscometer is not large, a series of viscometers have to be calibrated using the viscosity standard of distilled water for the first and determining the viscosity of the second reference fluid, which is then used to calibrated the second viscometer. This procedure is repeated to cover a range up to much higher viscosities. Once the actual dimensions of a viscometer have been determined, viscosity can be measured by applying the following working equations:

$$v = \eta/\rho = c_1 t - c_2/t \quad (5)$$

$$v = \eta/\rho = c_1 t - E/t^2 \quad (6)$$

where t denotes the time required for a liquid of specified volume to flow through the capillary, c_1 and c_2 or E are now instrument constants to be determined with two (or more) standard liquids whose viscosities are precisely known. Provided that the kinetic-energy-correction term is small enough, the second term in equations (5) or (6) can be neglected.

Falling-body viscometers make use of the time of free fall of some object under the influence of gravity through the fluid of interest as a measure of fluid viscosity. The instruments are not among those of the highest accuracy but they have advantages for operation at high pressures or in viscous media. For a *falling sphere* of radius r moving with constant viscosity in a homogeneous medium, *Stokes' law* can be applied under a number of assumptions (rigid sphere, sufficiently slow motion, incompressible fluid at constant density, *Newtonian* behaviour, etc.) that will not be discussed here (see [91IU2]). Practically, for a fall through a distance L , the viscosity of the fluid can be obtained from equation (7)

$$\eta = 2r^2 (\rho_s - \rho) g t f_w / 9L \quad (7)$$

where ρ_s is the density of the sphere, g the constant of gravitational acceleration and f_w denotes a correction factor for the wall effect (since the fluid is not of infinite extent but contained in a cylindrical container in practical instruments). Provided that all of the instrument parameters are known with sufficient accuracy, equation (7) allows absolute viscosity measurements. Alternatively an instrument constant may be introduced and determined by calibration. The working equation for relative measurement is then written

$$\eta = \text{const.} (\rho_s - \rho) t \quad (8)$$

for a particular instrument. An alternative configuration makes use of a right circular cylinder falling along the axis of a coaxial cylindrical tube. For a *falling cylinder* of that kind moving with constant velocity at entirely laminar axial fluid flow, the viscosity of the fluid can again be obtained from equation (8), but the instrument constant reflects then the changed geometry of the cylindrical body. An explicit relation can be given, however, real instruments depart more or less from the underlying ideal model and are usually operated in a relative manner after calibration. Viscosities of liquids can then be measured over a wide range of conditions.

Oscillating-body viscometers measure the viscosity of fluids by observing the decay of torsional oscillations of an axially symmetric body suspended from an elastic strand. The fluid causes a torque on the surface of the body and increases the effective moment of inertia of the body. The effect is observed through the logarithmic decrement of the amplitude of the angular displacement of the oscillating body and the increase in its period of oscillation. The viscosity is obtained from the logarithmic decrement or the period with the aid of theoretical expression for the torque. When theoretical expressions are lacking or prove insufficiently accurate, calibration procedures are used to determine the torque. Viscosities of fluids can be measured over a wide range of conditions by the use of such viscometers. Various instruments and their corresponding theoretical background are presented in detail in [91IU2] and shall not be discussed here again.

The *establishment of a viscosity standard* has proved one of the most difficult and important tasks for experimenters. The value of the viscosity standard drifted with time until 1952 (!) when the *viscosity of water at 20 °C and atmospheric pressure* (0.101325 MPa) measured by US National Bureau of Standards was reported. The corrected and internationally agreed standard values are now given by **ISO/TR 3666:1998** by $\eta = 1.0016 \text{ mPa s}$ and $\nu = 1.0034 \text{ mm}^2/\text{s}$. The estimated relative uncertainty associated with

both values is 0.17%. The change of the 1952 value is due to the difference of 12 mK between IPTS-48 and ITS-90 temperature scale at 20 °C. Besides the viscosity at 20 °C, reference values of high precision are provided at 15 °C, 23 °C, 25 °C, 30 °C, and 40 °C by ISO/TR 3666:1998. For the calibration of industrial as well as scientific viscometers, certified reference materials are available in many countries and enable a much wider range of viscosity to be covered than the range given by water alone.

Temperature T

Temperatures are given in °C or K and are usually rounded, corresponding to their common accuracy (with some exceptions made for more precise measurements).

Mole fraction x_i , volume fraction φ_i , and mass fraction w_i

Three different concentration variables were used in the literature. In most cases the mole fraction x_i is given ($x_i = n_i / \sum n_k$, n_i = amount of substance of component i), but there are also a number of mixtures where the volume fraction φ_i ($\varphi_i = v_i / \sum v_k$, v_i = volume of component i) or the mass fraction w_i ($w_i = m_i / \sum m_k$, m_i = mass of component i) are used. If they were given together in the original source, the mole fraction was preferred for the tables in this volume. The subscript $i = 1$ or 2 denotes the concentration of first or second component in the mixture, respectively.

1.3 Arrangement of data

The data tables for the pure liquids are organised by the gross formulae according to the Hill system, i.e. with increasing number of C and H atoms followed by the other atoms according to their alphabetical order with an Arabic numeral indicating the number of atoms of each element (if different from 1) in the right subscript position. If substance formulae have the same first element, then the substance having a larger number of that element follows the one with a lower number. If these numbers are the same, then the next elements are considered, using similar criteria. The absence of a next element in one of the substances confers a lower position in the order to it. Isomeric substances are further sorted in the alphabetical order of their names.

No special substance indices are prepared for this volume, as the order of the substances corresponds to a substance index based on gross formula (in difficult cases it is recommended to apply the data of the electronic form and to search there).

Ordering of all data for one substance follows the rule of presenting absolute viscosities first and kinematic viscosities subsequently, i.e. kinematic viscosities are selected and printed only in such cases where no dynamic viscosities are available (or only single dynamic data in comparison to a greater temperature range of a kinematic series). For preparing the CD-ROM, an additional aspect for ordering was chosen. If there is more than one data set, the data are given in order of the publication year beginning with the most recent measurements of dynamic viscosities and the same again for the kinematic ones subsequently, i.e. the selected and printed data set is not necessarily the first one at the CD-ROM.

The data tables for the binary liquid mixtures are organised by the gross formula of the first substance and for mixtures with a common gross formula of the first substance by the gross formulae of the second one. In binary mixtures with water, water is always the first component. Mixtures composed of organic compounds follow those with water. The **first** substance is **always** the one with the **lower** number of C, H, etc. atoms (the order used in the original source was changed for this data collection). The user has to search for a certain mixture by looking for the compound with the lower C, H, , etc. number first and then for the second compound, again following this rule. No double listing by "second" compounds is given.

Numbering of all references according to the Landolt-Börnstein system was made once for all pure liquids, printed references are a part of this reference list.

1.4 Substances and nomenclature

In general, for each substance, an unambiguous and unique name was chosen as the preferred name. For organic substances, it is usually one of the various systematic names recommended by IUPAC [79IU1]. A few other systematic names and widely used trivial names were adopted as synonyms. The symbols used to denote the natural elements are those recommended by IUPAC [91IU1]. Each substance is characterised by its chemical name and by its Chemical Abstracts Service (CAS) Registry Number to allow a well-defined search where chemical names are difficult or different chemical names are in common use. The CAS registry number can easily be searched for in all electronic files.

An index of substance names did not seem to be necessary. There are too many different names in use and the CAS registry names as systematic names are rather complicated and not common enough to be applied for such a purpose in this volume (LIDE [94L1] applied these systematic names for alphabetical ordering of the table of organic substances, together with a synonym index, a molecular formula and a structural formula index, which is all too extensive for our volume). Nevertheless, the user will find the information he is looking for by first searching the gross formula of a given substance following the order of the volume as described above.

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2 Pure organometallic and organononmetallic liquids

2.1 Data

2.1.1 Organometallic compounds

1	C₂H₆Cd	dimethyl-cadmium	506-82-1
	$\lg(\eta / (\text{mPa s})) = 114. / (T/\text{K}) - 0.82$ for $283 \leq T/\text{K} \leq 348$		75E1
2	C₂H₆Se	selenobis-methane	593-79-3
	$\lg(\eta / (\text{mPa s})) = 50. / (T/\text{K}) - 0.62$ for $298 \leq T/\text{K} \leq 318$		75E1
3	C₂H₆Te	tellurobis-methane	593-80-6
	$\lg(\eta / (\text{mPa s})) = 75. / (T/\text{K}) - 0.72$ for $293 \leq T/\text{K} \leq 343$		75E1
4	C₃H₉Al	trimethyl-alane	75-24-1
	$\lg(\eta / (\text{mPa s})) = 506. / (T/\text{K}) - 1.77$ for $293 \leq T/\text{K} \leq 348$		75E1
5	C₃H₉Ga	trimethyl-gallium	1445-79-0
	$\lg(\eta / (\text{mPa s})) = 113. / (T/\text{K}) - 0.83$ for $293 \leq T/\text{K} \leq 323$		75E1
6	C₃H₉Sb	trimethyl-stibine	594-10-5
	$\lg(\eta / (\text{mPa s})) = 167. / (T/\text{K}) - 0.99$ for $293 \leq T/\text{K} \leq 343$		75E1
7	C₄H₁₀Cd	diethyl-cadmium	592-02-9
$T/^\circ\text{C}$	0.0	20.0	33H1
$\eta / (\text{mPa s})$	1.77	1.42	

8	C₄H₁₀Se	1,1'-selenobis-ethane					627-53-2
	$\lg(\eta / (\text{mPa s})) = 116. / (T/\text{K}) - 0.80$ for $298 \leq T/\text{K} \leq 338$					75E1	
9	C₄H₁₀Zn	diethyl-zinc					75-74-1
<i>T</i> /°C	20.0					30H1	
$\eta / (\text{mPa s})$	0.8580						
10	C₄H₁₂Ge	tetramethyl-germane					865-52-1
<i>T</i> /K	276.7	282.5	287.3	293.0	298.7	303.8	74M1
$\eta / (\text{mPa s})$	0.4049	0.3855	0.3690	0.3512	0.3348	0.3233	
11	C₄H₁₂GeO₄	germanic acid tetramethyl ester					992-91-6
<i>T</i> /K	298.15					81V1	
$\eta / (\text{mPa s})$	0.766						
	$\ln(\eta / (\text{mPa s})) = 1144. / (T/\text{K}) - 4.102$ for $250 \leq T/\text{K} \leq 370$					81V1	
<i>T</i> /°C	20.0	40.0				58B2	
$\eta / (\text{mPa s})$	0.773	0.649					
12	C₄H₁₂Pb	tetramethyl-plumbane					75-74-1
<i>T</i> /°C	15.0	20.0	25.0	30.0		60B1	
$\eta / (\text{mPa s})$	0.600	0.561	0.525	0.495			
<i>T</i> /°C	20.0					53H1	
$\eta / (\text{mPa s})$	0.5723						
	A graph is given in 69A2 from the original source 53H1 for $-25 \leq T / ^\circ\text{C} \leq 80$.					53H1, 69A2	
13	C₄H₁₂Sn	tetramethyl-stannane					594-27-4
<i>T</i> /K	298.15					81V1	
$\eta / (\text{mPa s})$	0.371						
	$\ln(\eta / (\text{mPa s})) = 900. / (T/\text{K}) - 4.009$ for $250 \leq T/\text{K} \leq 370$					81V1	
<i>T</i> /°C	25.0					77J1	
$\eta / (\text{mPa s})$	0.36						
<i>T</i> /°C	15.0	20.0	25.0	30.0		56B1	
$\eta / (\text{mPa s})$	0.455	0.430	0.410	0.392			

$T/^\circ\text{C}$	20.0									53H1
$\eta/(\text{mPa s})$	0.4187									
A graph is given in 69A2 from the original source 53H1 for $-25 \leq T/^\circ\text{C} \leq 80$.										53H1, 69A2
14	$\text{C}_6\text{H}_{15}\text{Al}$		triethyl-alane							97-93-8
$\lg(\eta/(\text{mPa s})) = 1415./(T/\text{K}) - 4.22$ for $297 \leq T/\text{K} \leq 333$										75E1
$T/^\circ\text{C}$	0.0	20.0								33H1
$\eta/(\text{mPa s})$	11.59	9.56								
15	$\text{C}_6\text{H}_{15}\text{In}$		triethyl-indium							923-34-2
$\lg(\eta/(\text{mPa s})) = 636./(T/\text{K}) - 2.30$ for $293 \leq T/\text{K} \leq 353$										75E1
16	$\text{C}_6\text{H}_{15}\text{Sb}$		triethyl-stibine							617-85-6
$\lg(\eta/(\text{mPa s})) = 126./(T/\text{K}) - 0.81$ for $293 \leq T/\text{K} \leq 343$										75E1
17	$\text{C}_7\text{H}_8\text{Se}$		methyl-phenyl-selenide							4346-64-9
$T/^\circ\text{C}$	25.0									52N1
$\eta/(\text{mPa s})$	1.591									
18	$\text{C}_8\text{H}_{10}\text{Se}$		ethyl-phenyl-selenide							17774-38-8
$T/^\circ\text{C}$	25.0									52N1
$\eta/(\text{mPa s})$	1.608									
19	$\text{C}_8\text{H}_{20}\text{Ge}$		tetraethyl-germane							597-63-7
T/K	277.9	284.3	288.8	295.3	301.2	307.3	313.4	319.5	74M1	
$\eta/(\text{mPa s})$	0.8800	0.8202	0.7789	0.7298	0.6835	0.6460	0.6163	0.5866		
T/K	325.8	331.8	337.1							
$\eta/(\text{mPa s})$	0.5613	0.5360	0.5170							
20	$\text{C}_8\text{H}_{20}\text{GeO}_4$		germanic acid tetraethyl ester							14165-55-0
$T/^\circ\text{C}$	20.0	40.0								58B2
$\eta/(\text{mPa s})$	1.057	0.836								
$T/^\circ\text{C}$	25.0									53B1
$\eta/(\text{mPa s})$	0.856									

21	C₈H₂₀O₄Ti	orthotitanic acid tetraethyl ester							3087-36-3
<i>T</i> /°C	25.0	30.0	35.0	40.0					61B2
<i>η</i> /(mPa s)	44.7	35.7	28.5	23.6					
<i>T</i> /°C	25.0								51C1
<i>η</i> /(mPa s)	44.45								
22	C₈H₂₀Pb	tetraethyl-plumbane							78-00-2
<i>T</i> /°C	20.0								53H1
<i>η</i> /(mPa s)	0.8642								
A graph is given in 69A2 from the original source 53H1 for $-25 \leq T/^\circ\text{C} \leq 80$.									53H1, 69A2
23	C₈H₂₀Sn	tetraethyl-stannane							597-64-8
<i>T</i> /°C	25.0								77J1
<i>η</i> /(mPa s)	0.68								
<i>T</i> /°C	20.0								53H1
<i>η</i> /(mPa s)	0.7290								
A graph is given in 69A2 from the original source 53H1 for $-25 \leq T/^\circ\text{C} \leq 80$.									53H1, 69A2
24	C₉H₁₂Se	phenyl-propyl-selenide							22351-63-9
<i>T</i> /°C	25.0								52N1
<i>η</i> /(mPa s)	1.794								
25	C₉H₂₁AlO₃	aluminum tris-(isopropoxide)							555-31-7
<i>T</i> /°C	-10.0	-5.0	0.0	5.0	10.0	15.0	20.0	25.0	70F1
<i>η</i> /(mPa s)	11000.	5650.	3166.	1888.	1159.	753.	492.	510.	
<i>T</i> /°C	30.0	35.0	40.0						
<i>η</i> /(mPa s)	345.	241.	171.						
<i>(freshly heated liquid)</i>									
<i>T</i> /°C	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	70F1
<i>η</i> /(mPa s)	5790.	3320.	2015.	1258.	822.	561.	384.	273.	
<i>T</i> /°C	45.0								
<i>η</i> /(mPa s)	194.								
<i>(aged liquid)</i>									
26	C₁₀H₁₀Fe	ferrocene							102-54-5

$T/^\circ\text{C}$	179.0	189.0	201.5	221.5	238.5	258.5	280.0	299.5	72N1
$\eta/(\text{mPa s})$	1.022	0.927	0.830	0.703	0.613	0.532	0.459	0.399	
$T/^\circ\text{C}$	320.0	339.5	359.5						
$\eta/(\text{mPa s})$	0.358	0.317	0.293						
27	C₁₀H₁₄Se		butyl-phenyl-selenide						28622-61-9
$T/^\circ\text{C}$	25.0								52N1
$\eta/(\text{mPa s})$	2.095								
28	C₁₂H₁₈Se		hexyl-phenyl-selenide						63866-88-6
$T/^\circ\text{C}$	25.0								52N1
$\eta/(\text{mPa s})$	2.884								
29	C₁₂H₂₀O₄Ti		orthotitanic acid tetraallyl ester						5128-21-2
$T/^\circ\text{C}$	25.0								51C1
$\eta/(\text{mPa s})$	62.25								
30	C₁₂H₂₇Al		triisobutyl-alane						100-99-2
$T/^\circ\text{C}$	20.0								57K1
$\eta/(\text{mPa s})$	2.39								
31	C₁₂H₂₇BrSn		bromo-tributyl-stannane						2116-80-5
$T/^\circ\text{C}$	25.0	50.0	70.0						93M1
$\eta/(\text{mPa s})$	3.76	2.14	1.51						
$T/^\circ\text{C}$	10.0								88K1
$\eta/(\text{mPa s})$	5.93								
$T/^\circ\text{C}$	10.0	20.0	40.0						85N1
$\eta/(\text{mPa s})$	5.93	4.37	2.66						
32	C₁₂H₂₇ClSn		chloro-tributyl-stannane						1461-22-9
$T/^\circ\text{C}$	25.0	50.0	70.0						93M1
$\eta/(\text{mPa s})$	4.573	2.43	1.66						
$T/^\circ\text{C}$	10.0								88K1
$\eta/(\text{mPa s})$	6.37								
$T/^\circ\text{C}$	10.0	20.0	40.0						85N1

η /(mPa s) 6.35 4.49 2.61

33 **C₁₂H₂₈Ge** **tetrapropyl-germane** **994-65-0**

T/K 276.6 280.6 284.4 289.0 294.8 300.5 305.6 310.5 74M1

η /(mPa s) 1.842 1.700 1.576 1.444 1.308 1.192 1.085 1.007

T/K 320.5 324.4 330.2 335.9 340.7

η /(mPa s) 0.8782 0.8370 0.7892 0.7297 0.6832

34 **C₁₂H₂₈GeO₄** **germanic acid tetraisopropyl ester** **25063-26-7**

T/°C 20.0 40.0 58B2

η /(mPa s) 1.315 0.990

35 **C₁₂H₂₈GeO₄** **germanic acid tetrapropyl ester** **21154-48-3**

T/°C 20.0 40.0 58B2

η /(mPa s) 1.510 1.125

36 **C₁₂H₂₈O₄Ti** **orthotitanic acid tetraisopropyl ester** **546-68-9**

T/°C 129.4 141.1 149.7 160.2 170.9 180.0 189.4 69T1

ν /(mm²/s) 0.484 0.446 0.421 0.393 0.370 0.350 0.331

37 **C₁₂H₂₈O₄Ti** **orthotitanic acid tetrapropyl ester** **3087-37-4**

T/°C 140.6 149.3 157.3 169.9 179.9 190.0 199.2 69T1

η /(mPa s) 2.016 1.565 1.248 0.909 0.720 0.581 0.494

T/°C 25.0 30.0 35.0 40.0 61B2

η /(mPa s) 174.9 130.6 107.0 85.1

T/°C 25.0 51C1

η /(mPa s) 161.35

38 **C₁₂H₂₈Sn** **tetrapropyl-stannane** **2176-98-9**

T/°C 25.0 77J1

η /(mPa s) 1.25

A graph is given in 69A2 from the original source 53H1 for $-25 \leq T/\text{°C} \leq 80$. 53H1, 69A2

39 **C₁₃H₂₀Se** **heptyl-phenyl-selenide** **76376-91-5**

T/°C 25.0 52N1

η /(mPa s)	3.328									
40	C₁₃H₂₇NOSn		tributyl-isocyanato-stannane						681-99-2	
$T/^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0	80.0	71Z1		
η /(mPa s)	10.12	7.52	5.51	4.01	2.89	1.98	1.27			
41	C₁₄H₂₂Se		octyl-phenyl-selenide						72474-75-0	
$T/^\circ\text{C}$	25.0									
η /(mPa s)	3.862									
42	C₁₆H₂₆Se		decyl-phenyl-selenide						61539-89-7	
$T/^\circ\text{C}$	25.0									
η /(mPa s)	5.239									
43	C₁₆H₃₆Ge		tetrabutyl-germane						1067-42-1	
T/K	275.6	282.5	288.0	295.0	299.9	303.1	308.0	313.7	74M1	
η /(mPa s)	5.358	4.317	3.685	3.032	2.690	2.495	2.232	1.991		
T/K	318.6	320.3	323.4	328.2	334.3	339.3				
η /(mPa s)	1.804	1.651	1.648	1.512	1.362	1.255				
44	C₁₆H₃₆GeO₄		germanic acid tetrabutyl ester						25063-27-8	
$T/^\circ\text{C}$	25.0	40.0							58B2	
η /(mPa s)	2.190	1.595								
$T/^\circ\text{C}$	25.0									
η /(mPa s)	2.047									
45	C₁₆H₃₆GeO₄		germanic acid tetrakis-(<i>sec</i>-butyl) ester						106991-67-7	
$T/^\circ\text{C}$	20.0	40.0							58B2	
η /(mPa s)	2.810	1.860								
$T/^\circ\text{C}$	25.0									
η /(mPa s)	2.523									
46	C₁₆H₃₆GeO₄		germanic acid tetrakis-(<i>tert</i>-butyl) ester						78788-27-9	
T/K	298.15									
η /(mPa s)	5.715									

$T/^\circ\text{C}$	25.0	40.0							58B2
$\eta/(\text{mPa s})$	5.635	3.570							
$T/^\circ\text{C}$	25.0								53B1
$\eta/(\text{mPa s})$	5.65								
47	$\text{C}_{16}\text{H}_{36}\text{GeO}_4$		germanic acid tetraisobutyl ester						25063-28-9
$T/^\circ\text{C}$	20.0	40.0							58B2
$\eta/(\text{mPa s})$	2.810	1.890							
$T/^\circ\text{C}$	25.0								53B1
$\eta/(\text{mPa s})$	2.532								
48	$\text{C}_{16}\text{H}_{36}\text{O}_4\text{Ti}$		orthotitanic acid tetrabutyl ester						5593-70-4
$\lg(\eta/(\text{mPa s})) = 1581.90/(T/\text{K}) - 3.4365$			<i>for</i>	$293 \leq T/\text{K} \leq 363$					94E1
$\lg(\eta/(\text{mPa s})) = 1933.30/(T/\text{K}) - 4.3754$			<i>for</i>	$383 \leq T/\text{K} \leq 453$					94E1
T/K	298.15								85K1
$\eta/(\text{mPa s})$	75.								
$T/^\circ\text{C}$	100.6	116.0	132.4	144.6	153.6	162.6	172.9	182.6	69T1
$\eta/(\text{mPa s})$	6.90	4.43	2.730	1.897	1.510	1.200	0.938	0.755	
$T/^\circ\text{C}$	194.9	202.9							
$\eta/(\text{mPa s})$	0.594	0.516							
$T/^\circ\text{C}$	25.0	30.0	35.0	40.0					61B2
$\eta/(\text{mPa s})$	69.2	57.95	48.3	40.65					
$T/^\circ\text{C}$	25.0								51C1
$\eta/(\text{mPa s})$	61.74								
$T/^\circ\text{C}$	25.0								48K1
$\nu/(\text{mm}^2/\text{s})$	79.9								
49	$\text{C}_{16}\text{H}_{36}\text{O}_4\text{Ti}$		orthotitanic acid tetrakis-(<i>sec</i>-butyl) ester						3374-12-7
$T/^\circ\text{C}$	98.8	108.6	118.3	128.2	137.9	147.7	158.0	167.8	69T1
$\eta/(\text{mPa s})$	0.747	0.694	0.626	0.576	0.531	0.491	0.452	0.416	
$T/^\circ\text{C}$	177.2								
$\eta/(\text{mPa s})$	0.388								
50	$\text{C}_{16}\text{H}_{36}\text{O}_4\text{Ti}$		orthotitanic acid tetrakis-(<i>tert</i>-butyl) ester						3087-39-6
T/K	298.15								81V1

η /(mPa s)	3.452									
T /°C	40.4	50.0	70.0	80.0	91.8	116.6	125.6	132.6	69T1	
η /(mPa s)	2.538	2.158	1.547	1.336	1.125	9.888	9.830	0.692		
T /°C	25.0	30.0	35.0	40.0						61B2
η /(mPa s)	3.52	3.15	2.85	2.58						
T /°C	25.0									51C1
η /(mPa s)	3.55									
51	C₁₆H₃₆O₄Ti	orthotitanic acid tetraisobutyl ester							7425-80-1	
T /°C	102.9	114.5	126.6	134.8	144.9	158.2	174.8	184.0	69T1	
η /(mPa s)	3.68	2.466	1.686	1.327	1.021	0.761	0.554	0.484		
T /°C	194.2									
η /(mPa s)	0.424									
T /°C	50.0									51C1
η /(mPa s)	97.40									
52	C₁₆H₃₆O₄Zr	zirconium tetrakis-(<i>tert</i>-butoxide)							2081-12-1	
T /°C	25.0	30.0	35.0	40.0						61B2
η /(mPa s)	3.17	2.78	2.46	2.24						
53	C₁₆H₃₆Pb	tetrabutyl-plumbane							1920-90-7	
T /°C	20.0									53H1
η /(mPa s)	3.013									
A graph is given in 69A2 from the original source 53H1 for $-25 \leq T/\text{°C} \leq 80$.									53H1, 69A2	
54	C₁₆H₃₆Sn	tetrabutyl-stannane							1461-25-2	
T /°C	25.0									77J1
η /(mPa s)	2.30									
T /°C	20.0									53H1
η /(mPa s)	2.610									
A graph is given in 69A2 from the original source 53H1 for $-25 \leq T/\text{°C} \leq 80$.									53H1, 69A2	
55	C₁₈H₁₅ClSn	chloro-triphenyl-stannane							639-58-7	
T /°C	112.9	120.5	129.8	139.6	150.8	160.5	169.6	179.8	78T1	
ν /(mm ² /s)	2.66	2.32	1.928	1.724	1.478	1.318	1.185	1.065		

$T/^\circ\text{C}$	187.1	201.8	209.9	220.6	231.0
$\nu/(\text{mm}^2/\text{s})$	0.990	0.863	0.799	0.734	0.678

56 **$\text{C}_{18}\text{H}_{15}\text{Sb}$** **triphenyl-stibine** **603-36-1**

$T/^\circ\text{C}$	70.0								12W1
$\eta/(\text{mPa s})$	9.34								

$T/^\circ\text{C}$	54.8	59.6	64.4	69.3	74.4	79.4	84.4	94.5	78T1
$\nu/(\text{mm}^2/\text{s})$	13.61	11.09	8.92	7.60	6.42	5.44	4.57	3.54	

$T/^\circ\text{C}$	104.2	114.4	124.9	138.8	149.5	164.6	179.6		
$\nu/(\text{mm}^2/\text{s})$	2.89	2.38	1.979	1.597	1.390	1.160	0.997		

57 **$\text{C}_{20}\text{H}_{44}\text{Ge}$** **tetrapentyl-germane** **3634-47-7**

T/K	276.2	282.8	288.9	294.8	301.0	308.7	314.0	325.8	74M1
$\eta/(\text{mPa s})$	9.511	7.311	6.005	4.991	4.199	3.438	3.040	2.377	

T/K	331.8	338.2							
$\eta/(\text{mPa s})$	2.132	1.915							

58 **$\text{C}_{20}\text{H}_{44}\text{O}_4\text{Sn}$** **tetrakis-(1,1-dimethyl-propoxy) stannane** **2980-60-1**

$T/^\circ\text{C}$	25.0	30.0	35.0	40.0					61B2
$\eta/(\text{mPa s})$	16.65	14.3	12.05	10.2					

59 **$\text{C}_{20}\text{H}_{44}\text{O}_4\text{Ti}$** **orthotitanic acid tetrakis-(1,1-dimethyl-propyl) ester** **10585-26-9**

$T/^\circ\text{C}$	25.0	30.0	35.0	40.0					61B2
$\eta/(\text{mPa s})$	8.08	7.14	6.26	5.37					

60 **$\text{C}_{20}\text{H}_{44}\text{O}_4\text{Ti}$** **orthotitanic acid tetraisopentyl ester** **19480-47-8**

$T/^\circ\text{C}$	129.6	147.1	158.8	173.9	186.9	204.3	214.2		69T1
$\eta/(\text{mPa s})$	4.92	2.612	1.847	1.198	0.817	0.615	0.518		

61 **$\text{C}_{20}\text{H}_{44}\text{O}_4\text{Ti}$** **orthotitanic acid tetrapentyl ester** **10585-24-7**

$T/^\circ\text{C}$	129.9	145.0	158.8	174.2	189.2	204.1	214.0		69T1
$\eta/(\text{mPa s})$	3.35	2.160	1.530	1.065	0.783	0.608	0.526		

$T/^\circ\text{C}$	25.0								51C1
$\eta/(\text{mPa s})$	79.24								

62 **$\text{C}_{20}\text{H}_{44}\text{O}_4\text{Zr}$** **zirconium tetrakis-(1,1-dimethyl-propoxide)** **24675-20-5**

$T/^\circ\text{C}$	25.0	30.0	35.0	40.0					61B2
$\eta/(\text{mPa}\cdot\text{s})$	7.59	6.73	5.89	5.18					
63	$\text{C}_{24}\text{H}_{52}\text{CeO}_4$		cerium tetrakis-(1,1-dimethyl-butoxide)						127795-37-3
$T/^\circ\text{C}$	25.0	30.0	35.0	40.0					61B2
$\eta/(\text{mPa}\cdot\text{s})$	813.	589.	428.	316.					
64	$\text{C}_{24}\text{H}_{52}\text{CeO}_4$		cerium tetrakis-(1-ethyl-1-methyl-propoxide)						
$T/^\circ\text{C}$	25.0	30.0	35.0	40.0					61B2
$\eta/(\text{mPa}\cdot\text{s})$	21.6	16.95	14.1	11.9					
65	$\text{C}_{24}\text{H}_{52}\text{Ge}$		tetrahexyl-germane						4828-44-8
T/K	276.6	284.0	289.8	296.5	302.1	313.0	318.7	326.0	74M1
$\eta/(\text{mPa}\cdot\text{s})$	12.46	9.524	7.874	6.345	5.425	4.006	3.567	3.024	
T/K	331.8	338.2							
$\eta/(\text{mPa}\cdot\text{s})$	2.696	2.379							
66	$\text{C}_{24}\text{H}_{52}\text{O}_4\text{Sn}$		tetrakis-(1,1-dimethyl-butoxy) stannane						127916-58-9
$T/^\circ\text{C}$	25.0	30.0	35.0	40.0					61B2
$\eta/(\text{mPa}\cdot\text{s})$	9.86	8.40	7.16	6.44					
67	$\text{C}_{24}\text{H}_{52}\text{O}_4\text{Sn}$		tetrakis-(1-ethyl-1-methyl-propoxy) stannane						127916-60-3
$T/^\circ\text{C}$	25.0	30.0	35.0	40.0					61B2
$\eta/(\text{mPa}\cdot\text{s})$	41.3	33.9	26.55	22.5					
68	$\text{C}_{24}\text{H}_{52}\text{O}_4\text{Ti}$		orthotitanic acid tetrakis-(1,1-dimethyl-butyl) ester						127647-29-4
$T/^\circ\text{C}$	25.0	30.0	35.0	40.0					61B2
$\eta/(\text{mPa}\cdot\text{s})$	4.79	4.34	3.95	3.62					
69	$\text{C}_{24}\text{H}_{52}\text{O}_4\text{Ti}$		orthotitanic acid tetrakis-(1-ethyl-1-methyl-propyl) ester						127647-28-3
$T/^\circ\text{C}$	25.0	30.0	35.0	40.0					61B2
$\eta/(\text{mPa}\cdot\text{s})$	34.5	29.95	26.0	22.05					
70	$\text{C}_{24}\text{H}_{52}\text{O}_4\text{Ti}$		orthotitanic acid tetrahexyl ester						7360-52-3
$T/^\circ\text{C}$	25.0								51C1

η / (mPa s) 64.90

71 **C₂₄H₅₂O₄Zr** **zirconium tetrakis-(1,1-dimethyl-butoxide)** **127519-88-4**

T / °C 25.0 30.0 35.0 40.0 61B2

η / (mPa s) 4.64 4.19 3.79 3.46

72 **C₂₄H₅₂O₄Zr** **zirconium tetrakis-(1-ethyl-1-methyl-propoxide)** **36301-27-6**

T / °C 25.0 30.0 35.0 40.0 61B2

η / (mPa s) 28.1 23.65 20.0 17.05

73 **C₂₅H₅₄N₂Sn₂** **N,N'-bis-(tributylstannyl)-carbodiimide** **34885-41-1**

T / °C 20.0 30.0 40.0 50.0 60.0 70.0 80.0 71Z1

η / (mPa s) 77.0 18.85 8.90 5.70 4.20 3.28 2.86

74 **C₂₈H₆₀CeO₄** **cerium tetrakis-(1,1-diethyl-propoxide)** **127916-95-4**

T / °C 25.0 30.0 35.0 40.0 61B2

η / (mPa s) 52.6 45.15 38.75 33.25

75 **C₂₈H₆₀O₄Th** **thorium tetrakis-(1,1-diethyl-propoxide)** **127916-97-6**

T / °C 25.0 30.0 35.0 40.0 61B2

η / (mPa s) 49.2 38.7 32.2 26.9

76 **C₂₈H₆₀Pb** **tetraheptyl-plumbane**

T / °C 20.0 53H1

η / (mPa s) 11.26

A graph is given in 69A2 from the original source 53H1 for $-25 \leq T / ^\circ\text{C} \leq 80$. 53H1, 69A2

77 **C₂₈H₆₀Sn** **tetraheptyl-stannane** **57055-26-2**

T / °C 20.0 53H1

η / (mPa s) 10.44

A graph is given in 69A2 from the original source 53H1 for $-25 \leq T / ^\circ\text{C} \leq 80$. 53H1, 69A2

78 **C₃₂H₆₈Sn** **tetraoctyl-stannane** **3590-84-9**

T / K 298.15 81V1

η / (mPa s) 11.39

$T/^\circ\text{C}$	25.0				77J1
$\eta/(\text{mPa s})$	15.2				
79	C₄₈H₁₀₀Sn	tetradodecyl-stannane			5827-56-5
$T/^\circ\text{C}$	25.0				77J1
$\eta/(\text{mPa s})$	36.8				

2.1.2 Organoarsenic compounds

80	C₂H₂AsCl₃	<i>cis</i>-2-chloroethenyl-dichloro-arsine			34461-56-8
$T/^\circ\text{C}$	20.0	25.0	30.0	35.0	48W1
$\eta/(\text{mPa s})$	1.831	1.690	1.561	1.461	
81	C₂H₂AsCl₃	<i>trans</i>-2-chloroethenyl-dichloro-arsine			50361-05-2
$T/^\circ\text{C}$	25.0				48W1
$\eta/(\text{mPa s})$	2.050				
82	C₃H₉As	trimethyl-arsine			593-88-4
$\lg(\eta/(\text{mPa s})) = 127.0/(T/\text{K}) - 0.880$	<i>for</i> $283 \leq T/\text{K} \leq 318$				75E1
83	C₃H₉AsO₃	trimethoxy-arsine			6596-95-8
$\lg(\eta/(\text{mPa s})) = 232.8/(T/\text{K}) - 0.972$	<i>for</i> $293 \leq T/\text{K} \leq 393$				87G1
$\lg(\eta/(\text{mPa s})) = 232.8353/(T/\text{K}) - 0.9707$	<i>for</i> $293 \leq T/\text{K} \leq 393$				86G2
84	C₆H₁₅As	triethyl-arsine			617-75-4
$\lg(\eta/(\text{mPa s})) = 150.0/(T/\text{K}) - 0.890$	<i>for</i> $293 \leq T/\text{K} \leq 343$				75E1
85	C₆H₁₅AsO₃	triethoxy-arsine			3141-12-6
$\lg(\eta/(\text{mPa s})) = 420.0/(T/\text{K}) - 1.480$	<i>for</i> $310 \leq T/\text{K} \leq 423$				87G1
86	C₉H₂₁AsO₃	triisopropoxy-arsine			39936-83-9

$$\lg(\eta / (\text{mPa s})) = 500.0/(T/\text{K}) - 1.600 \quad \text{for } 302 \leq T/\text{K} \leq 436$$

87G1

87 **C₉H₂₁AsO₃** **tripropoxy-arsine** **15606-91-4**

$$\lg(\eta / (\text{mPa s})) = 525.0/(T/\text{K}) - 1.655 \quad \text{for } 301 \leq T/\text{K} \leq 432$$

87G1

88 **C₁₂H₂₇AsO₃** **tributoxy-arsine** **3141-10-4**

$$\lg(\eta / (\text{mPa s})) = 544.8/(T/\text{K}) - 1.599 \quad \text{for } 295 \leq T/\text{K} \leq 425$$

87G1

89 **C₁₂H₂₇AsO₃** **triisobutoxy-arsine** **51587-28-1**

$$\lg(\eta / (\text{mPa s})) = 601.9/(T/\text{K}) - 1.789 \quad \text{for } 295 \leq T/\text{K} \leq 425$$

87G1

90 **C₁₅H₃₃AsO₃** **triisopentyloxy-arsine** **32826-97-4**

$$\lg(\eta / (\text{mPa s})) = 622.9/(T/\text{K}) - 1.730 \quad \text{for } 295 \leq T/\text{K} \leq 425$$

87G1

91 **C₁₅H₃₃AsO₃** **tripentyloxy-arsine** **15606-93-6**

$$\lg(\eta / (\text{mPa s})) = 622.8/(T/\text{K}) - 1.714 \quad \text{for } 295 \leq T/\text{K} \leq 425$$

87G1

92 **C₁₈H₁₅As** **triphenyl-arsine** **603-32-7**

<i>T</i> /°C	45.8	52.7	56.4	61.5	64.9	70.0	79.9	89.7	78T1
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<i>v</i> /(mm ² /s)	25.59	17.14	14.23	11.42	9.97	8.20	5.90	4.41	
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<i>T</i> /°C	100.4	110.1	119.7	129.6	140.7				
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<i>v</i> /(mm ² /s)	3.43	2.80	2.34	1.979	1.678				
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2.1.3 Organoboron compounds

93 **C₃H₉BO₃** **boric acid trimethyl ester** **121-43-7**

<i>T</i> /°C	25.0	30.0	40.0	50.0	60.0				69C1
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<i>η</i> /(mPa s)	0.3750	0.3568	0.3245	0.2969	0.2733				
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<i>T</i> /°C	25.0	50.0							37K1
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<i>η</i> /(mPa s)	0.361	0.281							
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$$\lg(v / (\text{mm}^2/\text{s})) = 288./(T/\text{K}) - 1.2940 \quad \text{for } 293 \leq T/\text{K} \leq 343$$

83G1

94	C₅H₁₈B₁₀	isopropyl-carborane							50924-45-3
<i>T</i> /°C	-5.0	0.0	20.0	40.0	100.0	150.0	200.0	74Z1	
<i>v</i> /(mm ² /s)	87.3	64.8	28.2	13.0	3.4	1.7	1.1		
95	C₆H₁₂BCl₃O₃	boric acid tris-(2-chloro-ethyl) ester							22238-19-3
<i>T</i> /°C	20.0							46J1	
<i>η</i> /(mPa s)	6.871								
96	C₆H₁₅BO₃	boric acid triethyl ester							150-46-9
<i>T</i> /°C	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	69C1
<i>η</i> /(mPa s)	0.5178	0.4875	0.4392	0.3945	0.3586	0.3278	0.3010	0.2761	
<i>T</i> /°C	25.0	50.0							37K1
<i>η</i> /(mPa s)	0.557	0.414							
$\lg(v/(mm^2/s)) = 342.1/(T/K) - 1.3625$ for $293 \leq T/K \leq 343$									83G1
<i>T</i> /°C	21.4	40.0	60.0						59W1
<i>v</i> /(mm ² /s)	0.615	0.503	0.424						
97	C₆H₁₈B₃N₃	2,4,6-triethyl-borazine							7443-22-3
<i>T</i> /°C	20.0								56S1
<i>v</i> /(mm ² /s)	1.48								
98	C₉H₁₅BCl₆O₃	boric acid tris-(2-chloro-1-chloromethyl-ethyl) ester							93507-34-7
<i>T</i> /°C	20.0								46J1
<i>η</i> /(mPa s)	287.1								
99	C₉H₁₅BO₃	boric acid triallyl ester							1693-71-6
<i>T</i> /°C	7.0	23.2	37.8						59W1
<i>v</i> /(mm ² /s)	7.00	0.902	0.747						
<i>T</i> /°C	25.0								54H1
<i>η</i> /(mPa s)	1.05								
100	C₉H₂₁BO₃	boric acid tris-(1-methylethyl) ester							5419-55-6
<i>T</i> /°C	25.0	30.0	40.0	60.0	70.0	80.0	90.0	110.0	69C1
<i>η</i> /(mPa s)	0.8049	0.7502	0.6490	0.5048	0.4516	0.4059	0.3647	0.3009	

$T/^\circ\text{C}$	130.0									
$\eta/(\text{mPa s})$	0.2524									
$T/^\circ\text{C}$	21.4	39.6	59.8						59W1	
$\nu/(\text{mm}^2/\text{s})$	1.03	0.797	0.631							
101	$\text{C}_9\text{H}_{21}\text{BO}_3$		boric acid tripropyl ester						688-71-1	
$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	69C1	
$\eta/(\text{mPa s})$	1.0220	0.9393	0.8165	0.7142	0.6405	0.5718	0.5066	0.4619		
$T/^\circ\text{C}$	110.0	130.0	150.0	170.0						
$\eta/(\text{mPa s})$	0.3757	0.3169	0.2716	0.2351						
$T/^\circ\text{C}$	7.0	23.8	43.4						59W1	
$\nu/(\text{mm}^2/\text{s})$	1.59	1.09	0.845							
$T/^\circ\text{C}$	29.0									
$\eta/(\text{mPa s})$	1.20									
102	$\text{C}_9\text{H}_{27}\text{BO}_3\text{Si}_3$		boric acid tris-(trimethylsilyl) ester						4325-85-3	
$\lg(\eta/(\text{mPa s})) = 598.53/(T/\text{K}) - 1.9554$ for $293 \leq T/\text{K} \leq 418$									86G1	
103	$\text{C}_{12}\text{H}_{24}\text{B}_2\text{O}_6$		tris-(butane-1,3-diol) diborate						2665-13-6	
$T/^\circ\text{C}$	20.0	40.0	60.0						64T1	
$\eta/(\text{mPa s})$	210.	45.5	15.42							
104	$\text{C}_{12}\text{H}_{27}\text{BO}_3$		boric acid tributyl ester						688-74-4	
$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	69C1	
$\eta/(\text{mPa s})$	1.6434	1.5182	1.2814	1.1029	0.9582	0.8393	0.7413	0.6607		
$T/^\circ\text{C}$	110.0	130.0	150.0	170.0	190.0	200.0	220.0			
$\eta/(\text{mPa s})$	0.5334	0.4421	0.3728	0.3183	0.2764	0.2587	0.2290			
$T/^\circ\text{C}$	29.0									
$\eta/(\text{mPa s})$	1.81									
$T/^\circ\text{C}$	21.4	39.8	63.6						59W1	
$\nu/(\text{mm}^2/\text{s})$	1.99	1.47	1.08							
105	$\text{C}_{12}\text{H}_{27}\text{BO}_3$		boric acid triisobutyl ester						13195-76-1	
$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	69C1	
$\eta/(\text{mPa s})$	1.8218	1.6426	1.3498	1.1374	0.9771	0.8405	0.7356	0.6496		

$T/^\circ\text{C}$	110.0	130.0	150.0	170.0	190.0	200.0
$\eta/(\text{mPa}\cdot\text{s})$	0.5145	0.4217	0.3529	0.3011	0.2612	0.2449

106 **$\text{C}_{12}\text{H}_{27}\text{B}_3\text{O}_3$** **2,4,6-tributyl-cyclotriboroxane** **7359-98-0**

$T/^\circ\text{C}$	0.0	10.0	20.0	30.0	40.0	50.0	56M1
$\eta/(\text{mPa}\cdot\text{s})$	5.40	3.94	2.94	2.24	1.73	1.36	

107 **$\text{C}_{15}\text{H}_{33}\text{BO}_3$** **boric acid tris-(3-methyl-butyl) ester** **4396-02-5**

$T/^\circ\text{C}$	29.0						54H1
$\eta/(\text{mPa}\cdot\text{s})$	2.99						

108 **$\text{C}_{15}\text{H}_{33}\text{BO}_3$** **boric acid tripentyl ester** **621-78-3**

$T/^\circ\text{C}$	29.0						54H1
$\eta/(\text{mPa}\cdot\text{s})$	2.88						

109 **$\text{C}_{21}\text{H}_{21}\text{BO}_3$** **boric acid tribenzyl ester** **2467-18-7**

$T/^\circ\text{C}$	20.0	40.0	60.0				64T1
$\eta/(\text{mPa}\cdot\text{s})$	14.7	8.22	4.86				

110 **$\text{C}_{21}\text{H}_{21}\text{BO}_3$** **boric acid tris-(2-methyl-phenyl) ester** **2665-12-5**

$T/^\circ\text{C}$	20.0	40.0	60.0				64T1
$\eta/(\text{mPa}\cdot\text{s})$	186.	37.5	12.55				

111 **$\text{C}_{21}\text{H}_{33}\text{BO}_3$** **boric acid diallyl ester 2,6-bis-(*tert*-butyl)-4-methylphenyl ester** **102376-65-8**

$T/^\circ\text{C}$	6.6	23.2	37.8				59W1
$\nu/(\text{mm}^2/\text{s})$	169.	46.0	21.2				

112 **$\text{C}_{24}\text{H}_{51}\text{BO}_3$** **boric acid tris-(2-ethyl-hexyl) ester** **2467-13-2**

$T/^\circ\text{C}$	20.0	40.0	60.0				64T1
$\eta/(\text{mPa}\cdot\text{s})$	10.1	5.73	3.51				

$T/^\circ\text{C}$	20.8	39.6	60.0				59W1
$\nu/(\text{mm}^2/\text{s})$	11.0	6.18	3.80				

113 **$\text{C}_{24}\text{H}_{51}\text{BO}_3$** **boric acid triisooctyl ester** **26401-30-9**

$T/^\circ\text{C}$	20.0	40.0	60.0				64T1
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η /(mPa s)	11.93	6.89	4.08
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114	C₂₄H₅₁BO₃	boric acid trioctyl ester	2467-12-1
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$T/^\circ\text{C}$	20.0	40.0	60.0	64T1
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η /(mPa s)	10.48	6.13	3.62
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$T/^\circ\text{C}$	20.6	40.0	60.0	59W1
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ν /(mm ² /s)	11.1	6.38	3.93
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115	C₂₇H₄₉BO₃	boric acid 2,6-bis-(<i>tert</i>-butyl)-4-methyl-phenyl ester bis-(1,3-dimethyl-butyl) ester	19097-70-2
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$T/^\circ\text{C}$	26.2	35.2	45.0	59W1
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ν /(mm ² /s)	521.	208.	85.5
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116	C₂₇H₅₇BO₃	boric acid trinonyl ester	2467-14-3
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$T/^\circ\text{C}$	20.0	40.0	60.0	64T1
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η /(mPa s)	17.50	11.62	5.85
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117	C₃₀H₆₃BO₃	boric acid tridecyl ester	20236-81-1
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$T/^\circ\text{C}$	21.3	40.0	60.0	59W1
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ν /(mm ² /s)	19.3	10.3	6.66
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118	C₃₀H₆₃BO₃	boric acid triisodecyl ester	
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$T/^\circ\text{C}$	20.0	40.0	60.0	64T1
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η /(mPa s)	24.1	12.0	7.05
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119	C₃₆H₇₅BO₃	boric acid tridodecyl ester	2467-15-4
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$T/^\circ\text{C}$	20.0	40.0	60.0	64T1
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η /(mPa s)	18.85	14.6	8.24
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$T/^\circ\text{C}$	21.0	39.6	60.0	59W1
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ν /(mm ² /s)	30.5	15.1	8.89
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2.1.4 Organosilicon compounds

120	CH₃Cl₃Si	methyl-trichloro-silane	75-79-6
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$T/^\circ\text{C}$	20.0								91F1
$\eta/(\text{mPa s})$	0.488								
$\lg(\eta/(\text{mPa s})) = 418.9/(T/\text{K}) - 1.730$ for $293 \leq T/\text{K} \leq 393$									73S1
121	$\text{CH}_4\text{Cl}_2\text{Si}$								75-54-7
$T/^\circ\text{C}$	20.0								91F1
$\eta/(\text{mPa s})$	0.344								
122	$\text{C}_2\text{H}_5\text{Cl}_3\text{Si}$								115-21-9
$T/^\circ\text{C}$	20.0								91F1
$\eta/(\text{mPa s})$	0.606								
123	$\text{C}_2\text{H}_6\text{Br}_2\text{Si}$								4095-10-7
$T/^\circ\text{C}$	25.0	35.0	45.0						56M2
$\eta/(\text{mPa s})$	0.883	0.796	0.714						
124	$\text{C}_2\text{H}_6\text{Cl}_2\text{Si}$								75-78-5
$T/^\circ\text{C}$	20.0								91F1
$\eta/(\text{mPa s})$	0.490								
T/K	193.15	203.15	213.15	223.15	233.15	273.15	313.15		89S1
$\eta/(\text{mPa s})$	2.35	1.86	1.50	1.30	1.10	0.63	0.39		
125	$\text{C}_2\text{H}_6\text{Cl}_2\text{Si}$								1789-58-8
$T/^\circ\text{C}$	20.0								91F1
$\eta/(\text{mPa s})$	0.474								
$T/^\circ\text{C}$	20.0	25.0							50M1
$\eta/(\text{mPa s})$	0.527	0.509							
126	$\text{C}_2\text{H}_7\text{ClSi}$								1066-35-9
$T/^\circ\text{C}$	20.0								91F1
$\eta/(\text{mPa s})$	0.293								
127	$\text{C}_3\text{H}_6\text{Cl}_4\text{Si}$								2550-06-3
$T/^\circ\text{C}$	20.0								91F1

η /(mPa s)	1.847				
128	C₃H₇Cl₃Si	propyl-trichloro-silane			141-57-1
T /°C	20.0				91F1
η /(mPa s)	0.703				
129	C₃H₈Cl₂Si	dichloro-ethyl-methyl-silane			4525-44-4
T /°C	20.0				91F1
η /(mPa s)	0.640				
130	C₃H₈Si	silacyclobutane			287-29-6
T /°C	20.0				91F1
η /(mPa s)	0.387				
131	C₃H₉BrSi	bromo-trimethyl-silane			2857-97-8
T /°C	25.0	35.0	45.0		56M2
η /(mPa s)	0.560	0.500	0.455		
132	C₃H₉ClSi	chloro-ethyl-methyl-silane			6374-21-6
T /°C	20.0				91F1
η /(mPa s)	0.387				
133	C₃H₉ClSi	chloro-trimethyl-silane			75-77-4
T /°C	20.0				91F1
η /(mPa s)	0.395				
T /K	223.15	233.15	273.15	323.15	89S1
η /(mPa s)	0.97	0.84	0.51	0.34	
134	C₃H₁₀OSi	trimethyl-silanol			1066-40-6
T /°C	20.0				91F1
η /(mPa s)	6.569				
135	C₄H₇Cl₂F₃Si	dichloro-methyl-(3,3,3-trifluoro-propyl)-silane			675-62-7
T /°C	20.0				91F1
η /(mPa s)	0.991				

136	C₄H₉ClSi	chloro-dimethyl-ethenyl-silane	1719-58-0
<i>T</i> /°C	20.0		91F1
<i>η</i> /(mPa s)	0.368		
137	C₄H₁₀Cl₂Si	dichloro-diethyl-silane	1719-53-5
<i>T</i> /°C	20.0		91F1
<i>η</i> /(mPa s)	0.707		
138	C₄H₁₁ClSi	chloro-diethyl-silane	1609-19-4
<i>T</i> /°C	20.0		91F1
<i>η</i> /(mPa s)	0.490		
<i>T</i> /°C	20.0	25.0	50M1
<i>η</i> /(mPa s)	0.490	0.464	
139	C₄H₁₂O₂Si	dimethyl-dimethoxy-silane	1112-39-6
<i>T</i> /°C	20.0		91F1
<i>η</i> /(mPa s)	0.378		
140	C₄H₁₂O₃Si	methyl-trimethoxy-silane	1185-55-3
<i>T</i> /°C	20.0		91F1
<i>η</i> /(mPa s)	0.54		
141	C₄H₁₂O₄Si	silicic acid tetramethyl ester	681-84-5
<i>T</i> /°C	20.0		91F1
<i>η</i> /(mPa s)	0.643		
<i>T</i> /K	298.15		81V1
<i>η</i> /(mPa s)	0.640		
ln (<i>η</i> /(mPa s)) = 1153./(<i>T</i> /K) – 4.378 for 250 ≤ <i>T</i> /K ≤ 370			81V1
<i>T</i> /°C	25.0		77J1
<i>η</i> /(mPa s)	0.59		
142	C₄H₁₂Si	diethyl-silane	542-91-6
<i>T</i> /°C	25.0		91F1
<i>η</i> /(mPa s)	0.287		

143	C₄H₁₂Si	tetramethyl-silane			75-76-3
<i>T</i> /°C	20.0				91F1
<i>η</i> /(mPa s)	0.242				
<i>T</i> /K	298.15	323.15	348.15	373.15	75P1
P/bar	46.	110.	200.	200.	
<i>η</i> /(mPa s)	0.239	0.212	0.197	0.173	
A table is given in Ref. 75P1 for pressures up to 4500 bar.					75P1
144	C₄H₁₄OSi₂	1,1,3,3-tetramethyl-disiloxane			3277-26-7
<i>T</i> /°C	20.0				91F1
<i>η</i> /(mPa s)	0.42				
145	C₅H₁₁ClSi	allyl-chloro-dimethyl-silane			4028-23-3
<i>T</i> /°C	20.0				88Z1
<i>η</i> /(mPa s)	0.704				
146	C₅H₁₁NSi	trimethylsilanyl-acetonitrile			18293-53-3
<i>T</i> /°C	37.8	65.0	98.9		55P1
<i>η</i> /(mPa s)	1.08	0.72	0.47		
147	C₅H₁₂OSi	dimethyl-vinyl-methoxy-silane			16546-47-7
<i>T</i> /°C	20.0				91F1
<i>η</i> /(mPa s)	0.344				
148	C₅H₁₂O₂Si	methyl-vinyl-dimethoxy-silane			16753-62-1
<i>T</i> /°C	20.0				91F1
<i>η</i> /(mPa s)	0.452				
149	C₅H₁₂O₃Si	vinyl-trimethoxy-silane			2768-02-7
<i>T</i> /°C	25.0				91F1
<i>η</i> /(mPa s)	1.21				
150	C₅H₁₂Si	allyl-dimethyl-silane			3937-30-2
<i>T</i> /°C	20.0				88Z1

η /(mPa s)	0.374						
151	C₅H₁₂Si	trimethyl-vinyl-silane					754-05-2
T /°C	20.0						91F1
η /(mPa s)	0.399						
152	C₅H₁₃BrSi	bromo-diethyl-methyl-silane					17571-56-1
T /°C	25.0	35.0	45.0			56M2	
η /(mPa s)	0.786	0.693	0.613				
153	C₅H₁₄OSi	ethoxy-trimethyl-silane					1825-62-3
T /°C	20.0	25.0					64V1
η /(mPa s)	0.3627	0.3171					
154	C₅H₁₄O₃Si	ethyl-trimethoxy-silane					5314-55-6
T /°C	20.0						91F1
η /(mPa s)	0.562						
155	C₅H₁₄Si	ethyl-trimethyl-silane					3439-38-1
T /°C	0.0	20.0					46W1
η /(mPa s)	0.422	0.334					
156	C₆H₅Cl₃Si	phenyl-trichloro-silane					98-13-5
T /°C	20.0						91F1
η /(mPa s)	1.438						
T /K	233.15	243.15	253.15	263.15	293.15	313.15	89S1
η /(mPa s)	2.00	1.52	1.26	1.06	0.80	0.68	
157	C₆H₁₃ClSi	allyl-chloromethyl-dimethyl-silane					33558-75-7
T /°C	20.0						88Z1
η /(mPa s)	0.905						
158	C₆H₁₄Si	allyl-trimethyl-silane					762-72-1
T /°C	20.0						88Z1
η /(mPa s)	0.404						

159	C₆H₁₅ClO₃Si	(3-chloro-propyl)-trimethoxy-silane	2530-87-2
<i>T</i> /°C	20.0		91F1
<i>η</i> /(mPa s)	0.600		
160	C₆H₁₆Cl₂OSi₂	1,3-bis-(chloromethyl)-1,1,3,3-tetramethyl-disiloxane	2362-10-9
<i>T</i> /°C	0.0	99.4	49S3
<i>v</i> /(mm ² /s)	3.54	0.76	
161	C₆H₁₆O₂Si	diethoxy-dimethyl-silane	78-62-6
<i>T</i> /°C	20.0		64V1
<i>η</i> /(mPa s)	0.4823		
<i>T</i> /°C	25.0		49F1
<i>v</i> /(mm ² /s)	0.70		
162	C₆H₁₆O₃Si	propyl-trimethoxy-silane	1067-25-0
<i>T</i> /°C	20.0		91F1
<i>η</i> /(mPa s)	0.682		
163	C₆H₁₆O₃Si	triethoxy-silane	998-30-1
<i>T</i> /°C	15.0		63V2
<i>η</i> /(mPa s)	0.5140		
<i>T</i> /°C	25.0		50M1
<i>η</i> /(mPa s)	0.512		
164	C₆H₁₆Si	propyl-trimethyl-silane	3510-70-1
<i>T</i> /°C	0.0	20.0	46W1
<i>η</i> /(mPa s)	0.479	0.380	
165	C₆H₁₆Si	triethylsilane	617-86-7
<i>T</i> /°C	20.0		91F1
<i>η</i> /(mPa s)	0.412		
<i>T</i> /°C	30.0		85R1
<i>η</i> /(mPa s)	0.43		

$T/^\circ\text{C}$	20.0	25.0					50M1
$\eta/(\text{mPa}\cdot\text{s})$	0.412	0.392					
166	$\text{C}_6\text{H}_{18}\text{OSi}_2$		hexamethyl-disiloxane				107-46-0
$T/^\circ\text{C}$	25.0	50.0	75.0				46H3
$\eta/(\text{mPa}\cdot\text{s})$	0.4881	0.3661	0.2874				
$T/^\circ\text{C}$	37.8	99.0					46W2
$\eta/(\text{mPa}\cdot\text{s})$	0.412	0.236					
$T/^\circ\text{C}$	20.0	40.0	70.0				58W1
$\nu/(\text{mm}^2/\text{s})$	0.662	0.540	0.414				
$T/^\circ\text{C}$	-40.0	-20.0	0.0	50.0			54T1
$\nu/(\text{mm}^2/\text{s})$	1.63	1.17	0.81	0.504			
$T/^\circ\text{C}$	25.0						52D1
$\nu/(\text{mm}^2/\text{s})$	0.65						
$T/^\circ\text{C}$	25.0						46H2
$\nu/(\text{mm}^2/\text{s})$	0.65						
$T/^\circ\text{C}$	0.0						49S3
$\nu/(\text{mm}^2/\text{s})$	0.87						
167	$\text{C}_6\text{H}_{18}\text{O}_3\text{Si}_2$		1,3-bis-(hydroxymethyl)-1,1,3,3-tetramethyl-disiloxane				5833-59-0
$T/^\circ\text{C}$	21.0	56.0					49S4
$\nu/(\text{mm}^2/\text{s})$	32.6	9.1					
168	$\text{C}_6\text{H}_{18}\text{O}_3\text{Si}_3$		hexamethyl-cyclotrisiloxane				541-05-9
$T/^\circ\text{C}$	65.0						86F1
$\eta/(\text{mPa}\cdot\text{s})$	0.504						
$\ln(\eta/(\text{mPa}\cdot\text{s})) = 1525./(T/\text{K}) - 5.195$ for							86F1
							$285 \leq T/\text{K} \leq 340$
$T/^\circ\text{C}$	70.0						58W1
$\nu/(\text{mm}^2/\text{s})$	0.530						
169	$\text{C}_6\text{H}_{18}\text{O}_5\text{Si}_2$		1,1,3,3-tetramethoxy-1,3-dimethyl-disiloxane				18186-97-5
$T/^\circ\text{C}$	20.0	25.0	30.0	40.0	50.0	60.0	59M1
$\eta/(\text{mPa}\cdot\text{s})$	1.071	0.9924	0.9255	0.8203	0.7106	0.6253	
170	$\text{C}_6\text{H}_{18}\text{Si}_2$		hexamethyl-disilane				1450-14-2

$T/^\circ\text{C}$	20.0			91F1
$\eta/(\text{mPa s})$	0.747			
171	$\text{C}_6\text{H}_{19}\text{NOSi}_2$		2,2,4,4-tetramethyl-3-oxa-2,4-disila-pentylamine	18187-05-8
$T/^\circ\text{C}$	37.8	66.0	99.0	55G1
$\nu/(\text{mm}^2/\text{s})$	1.147	0.820	0.596	
172	$\text{C}_6\text{H}_{19}\text{NSi}_2$		1,1,1,3,3,3-hexamethyl-disilazane	999-97-3
$T/^\circ\text{C}$	20.0			91F1
$\eta/(\text{mPa s})$	0.624			
$\lg(\eta/(\text{mPa s})) = 543.72/(T/\text{K}) - 2.0043 \quad \text{for } 293 \leq T/\text{K} \leq 343$				86G1
173	$\text{C}_6\text{H}_{21}\text{N}_3\text{Si}_3$		2,2,4,4,6,6-hexamethyl-cyclotrisilazane	1009-93-4
$T/^\circ\text{C}$	20.0			91F1
$\eta/(\text{mPa s})$	1.523			
174	$\text{C}_7\text{H}_8\text{Cl}_2\text{Si}$		dichloro-methyl-phenyl-silane	149-74-6
$T/^\circ\text{C}$	20.0			91F1
$\eta/(\text{mPa s})$	1.619			
175	$\text{C}_7\text{H}_{12}\text{Si}$		methyl-trivinyl-silane	18244-95-6
$T/^\circ\text{C}$	20.0			91F1
$\eta/(\text{mPa s})$	0.40			
176	$\text{C}_7\text{H}_{14}\text{Si}$		diallyl-methyl-silane	2043-08-5
$T/^\circ\text{C}$	20.0			88Z1
$\eta/(\text{mPa s})$	0.522			
177	$\text{C}_7\text{H}_{17}\text{NOSi}_2$		3,3,5,5-tetramethyl-4-oxa-3,5-disila-hexanenitrile	2526-56-9
$T/^\circ\text{C}$	37.8	65.0	98.9	55P1
$\eta/(\text{mPa s})$	1.45	0.95	0.64	
178	$\text{C}_7\text{H}_{18}\text{O}_3\text{Si}$		methyl-triethoxy-silane	2031-67-6
$T/^\circ\text{C}$	20.0			64V1

η / (mPa s) 0.5810

179 **C₇H₁₈Si** **butyl-trimethyl-silane** **1000-49-3**

T / °C 0.0 20.0 46W1

η / (mPa s) 0.658 0.504

180 **C₇H₁₈Si** **methyl-triethyl-silane** **757-21-1**

T / °C 0.0 20.0 46W1

η / (mPa s) 0.679 0.524

181 **C₇H₂₀Si₂** **bis-(trimethylsilyl)-methane** **2117-28-4**

T / °C 0.0 20.0 60.0 49S2

η / (mPa s) 0.987 0.736 0.457

T / °C -40.0 -20.0 0.0 50.0 100.0 54T1

ν / (mm²/s) 2.78 1.86 1.29 0.74 0.53

182 **C₈H₁₁BrSi** **bromo-dimethyl-phenyl-silane** **13247-99-9**

T / °C 25.0 35.0 45.0 56M2

η / (mPa s) 1.764 1.474 1.255

183 **C₈H₁₁ClSi** **chloro-dimethyl-phenyl-silane** **768-33-2**

T / °C 20.0 91F1

η / (mPa s) 1.468

T / °C 25.0 52D1

ν / (mm²/s) 1.35

184 **C₈H₁₂Si** **tetravinyl-silane** **1112-55-6**

T / °C 20.0 91F1

η / (mPa s) 0.468

185 **C₈H₁₅ClSi** **chloromethyl-diallyl-methyl-silane** **83622-79-1**

T / °C 20.0 88Z1

η / (mPa s) 1.330

186 **C₈H₁₆Cl₄O₄Si** **silicic acid tetrakis-(2-chloro-ethyl) ester** **18290-84-1**

$T/^\circ\text{C}$	20.0									46J1
$\eta/(\text{mPa s})$	9.830									
187	$\text{C}_8\text{H}_{16}\text{Si}$		diallyl-dimethyl-silane							1113-12-8
$T/^\circ\text{C}$	20.0									88Z1
$\eta/(\text{mPa s})$	0.620									
188	$\text{C}_8\text{H}_{17}\text{NO}_2\text{Si}$		3-(diethoxymethylsilyl)-propionitrile							1186-11-4
$T/^\circ\text{C}$	20.0									83L1
$\eta/(\text{mPa s})$	1.80									
189	$\text{C}_8\text{H}_{20}\text{O}_2\text{Si}$		dimethyl-dipropoxy-silane							5621-09-0
T/K	293.15									82L1
$\eta/(\text{mPa s})$	0.730									
$\ln(\eta/(\text{mPa s})) = 662.1/(T/\text{K} - 72.4) - 3.31422$										82L1
190	$\text{C}_8\text{H}_{20}\text{O}_3\text{Si}$		ethyl-triethoxy-silane							78-07-9
T/K	293.15									82L1
$\eta/(\text{mPa s})$	0.650									
$\ln(\eta/(\text{mPa s})) = 728.8/(T/\text{K} - 46.4) - 3.38368$										82L1
191	$\text{C}_8\text{H}_{20}\text{O}_4\text{Si}$		silicic acid tetraethyl ester							78-10-4
$T/^\circ\text{C}$	20.0									91F1
$\eta/(\text{mPa s})$	0.721									
$T/^\circ\text{C}$	0.0									74D1
$\eta/(\text{mPa s})$	0.918									
$\eta/(\text{mPa s}) = 0.918 - (T/^\circ\text{C})/[78.0 + 0.8541(T/^\circ\text{C})]$ for $0 \leq (T/^\circ\text{C}) \leq 90$										74D1
$T/^\circ\text{C}$	15.0	20.0								63V1
$\eta/(\text{mPa s})$	0.7634	0.7147								
$T/^\circ\text{C}$	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0		32S1
$\eta/(\text{mPa s})$	0.7926	0.7395	0.6939	0.6556	0.6161	0.5812	0.5507	0.5216		
$T/^\circ\text{C}$	50.0	58.0	66.0	73.0						
$\eta/(\text{mPa s})$	0.4972	0.4579	0.4273	0.4056						
$T/^\circ\text{C}$	20.0	50.0								53T1
$\eta/(\text{mPa s})$	0.7530	0.5410								

$T/^\circ\text{C}$	25.0					77J1
$\eta/(\text{mPa}\cdot\text{s})$	0.66					
$T/^\circ\text{C}$	22.0					55G2
$\nu/(\text{mm}^2/\text{s})$	0.762					
192	$\text{C}_8\text{H}_{20}\text{Si}$		pentyl-trimethyl-silane			1641-49-2
$T/^\circ\text{C}$	0.0	20.0				46W1
$\eta/(\text{mPa}\cdot\text{s})$	0.870	0.644				
193	$\text{C}_8\text{H}_{20}\text{Si}$		tetraethyl-silane			631-36-7
$T/^\circ\text{C}$	0.0	20.0				46W1
$\eta/(\text{mPa}\cdot\text{s})$	0.855	0.649				
194	$\text{C}_8\text{H}_{21}\text{Cl}_3\text{O}_2\text{Si}_3$		1,3,5-tris-(chloromethyl)-1,1,3,5,5-pentamethyl-trisiloxane			18291-28-6
$T/^\circ\text{C}$	55.8	99.4				49S3
$\nu/(\text{mm}^2/\text{s})$	2.75	1.44				
195	$\text{C}_8\text{H}_{22}\text{Cl}_2\text{O}_2\text{Si}_3$		1,5-bis-(chloromethyl)-1,1,3,3,5,5-hexamethyl-trisiloxane			18291-30-0
$T/^\circ\text{C}$	0.0	99.4				49S3
$\nu/(\text{mm}^2/\text{s})$	4.55	1.00				
196	$\text{C}_8\text{H}_{22}\text{O}_3\text{Si}_2$		1,3-diethoxy-1,1,3,3-tetramethyl-disiloxane			18420-09-2
$T/^\circ\text{C}$	25.0					49F1
$\nu/(\text{mm}^2/\text{s})$	0.97					
$T/^\circ\text{C}$	25.0					47K1
$\nu/(\text{mm}^2/\text{s})$	0.97					
197	$\text{C}_8\text{H}_{22}\text{Si}_2$		1,2-bis-(trimethylsilanyl)-ethane			6231-76-1
$T/^\circ\text{C}$	-40.0	-20.0	0.0	50.0	100.0	54T1
$\nu/(\text{mm}^2/\text{s})$	4.96	2.66	1.82	1.06	0.82	
198	$\text{C}_8\text{H}_{23}\text{ClO}_2\text{Si}_3$		3-chloromethyl-1,1,1,3,5,5,5-heptamethyl-trisiloxane			17201-87-5
$T/^\circ\text{C}$	25.0					59A2
$\nu/(\text{mm}^2/\text{s})$	1.4					

$T/^\circ\text{C}$	0.0	99.4							49S3
$\nu/(\text{mm}^2/\text{s})$	2.46	0.70							
199	$\text{C}_8\text{H}_{24}\text{O}_2\text{Si}_3$	octamethyl-trisiloxane						107-51-7	
$T/^\circ\text{C}$	20.0	40.0	60.0						56H1
$\eta/(\text{mPa}\cdot\text{s})$	0.9054	0.6990	0.5487						
$T/^\circ\text{C}$	25.0	50.0	75.0						46H3
$\eta/(\text{mPa}\cdot\text{s})$	0.8463	0.6144	0.4705						
$T/^\circ\text{C}$	37.8	99.0							46W2
$\eta/(\text{mPa}\cdot\text{s})$	0.703	0.373							
$T/^\circ\text{C}$	20.0								77S1
$\nu/(\text{mm}^2/\text{s})$	1.096								
$T/^\circ\text{C}$	-30.0	0.0	30.0	60.0	90.0	120.0	180.0		60G1
$\nu/(\text{mm}^2/\text{s})$	2.292	1.388	0.962	0.702	0.537	0.426	0.285		
$T/^\circ\text{C}$	25.0								59A2
$\nu/(\text{mm}^2/\text{s})$	1.04								
$T/^\circ\text{C}$	20.0	40.0	70.0						58W1
$\nu/(\text{mm}^2/\text{s})$	1.096	0.866	0.639						
$T/^\circ\text{C}$	25.0								46H2
$\nu/(\text{mm}^2/\text{s})$	1.04								
200	$\text{C}_8\text{H}_{24}\text{O}_4\text{Si}_3$	1,5-dimethoxy-1,1,3,3,5,5-hexamethyl-trisiloxane						17866-01-2	
$T/^\circ\text{C}$	25.0								57L1
$\nu/(\text{mm}^2/\text{s})$	1.33								
201	$\text{C}_8\text{H}_{24}\text{O}_4\text{Si}_4$	octamethyl-cyclotetrasiloxane						556-67-2	
T/K	298.15								86F1
$\eta/(\text{mPa}\cdot\text{s})$	2.187								
$\ln(\eta/(\text{mPa}\cdot\text{s})) = 1742./(T/\text{K}) - 5.060$	<i>for</i> $285 \leq T/\text{K} \leq 340$						86F1		
T/K	298.15								81V1
$\eta/(\text{mPa}\cdot\text{s})$	2.185								
$\ln(\eta/(\text{mPa}\cdot\text{s})) = 1742./(T/\text{K}) - 5.060$	<i>for</i> $250 \leq T/\text{K} \leq 370$						81V1		
$T/^\circ\text{C}$	25.0								81A1
$\eta/(\text{mPa}\cdot\text{s})$	2.239								
$T/^\circ\text{C}$	18.0	25.0	35.0	45.0					68M1

η /(mPa s)	2.520	2.190	1.806	1.514			
T /°C	30.0						60G2
η /(mPa s)	2.025						
T /°C	25.0	50.0	75.0				46H3
η /(mPa s)	2.200	1.405	0.961				
T /°C	37.8	99.0					46W2
η /(mPa s)	1.69	0.700					
T /°C	20.0	40.0	70.0				58W1
ν /(mm ² /s)	2.531	1.771	1.139				
T /°C	25.0						46H1
ν /(mm ² /s)	2.30						
202	C₈H₂₄O₇Si₃		1,1,3,5,5-pentamethoxy-1,3,5-trimethyl-trisiloxane				17866-12-5
T /°C	20.0	25.0	30.0	40.0	50.0	60.0	59M1
η /(mPa s)	2.018	1.847	1.698	1.458	1.232	1.058	
203	C₈H₂₈N₄Si₄		2,2,4,4,6,6,8,8-octamethyl-cyclotetrasilazane				1020-84-4
T /°C	102.0						91F1
η /(mPa s)	1.48						
204	C₈H₂₈O₄Si₅		tetrakis-(dimethylsiloxy)-silane				17082-47-2
T /°C	20.0						91F1
η /(mPa s)	0.982						
205	C₉H₁₄O₂Si		dimethoxy-methyl-phenyl-silane				3027-21-2
T /°C	20.0						91F1
η /(mPa s)	1.645						
206	C₉H₁₄O₃Si		phenyl-trimethoxy-silane				2996-92-1
T /°C	20.0						91F1
η /(mPa s)	2.10						
207	C₉H₁₄Si		allyl-trivinyl-silane				115946-69-5
T /°C	20.0						88Z1
η /(mPa s)	0.589						

208	C₉H₁₄Si	phenyl-trimethyl-silane				768-32-1
<i>T</i> /°C	25.0					91F1
<i>η</i> /(mPa s)	0.865					
<i>T</i> /°C	25.0	35.0	45.0			56M2
<i>η</i> /(mPa s)	0.855	0.742	0.653			
209	C₉H₁₆Si	triallyl-silane				1116-62-7
<i>T</i> /°C	20.0					88Z1
<i>η</i> /(mPa s)	0.804					
210	C₉H₁₆Si	diallyl-methyl-vinyl-silane				119901-87-0
<i>T</i> /°C	20.0					88Z1
<i>η</i> /(mPa s)	0.705					
211	C₉H₁₈O₃Si₃	trimethyl-trivinyl-cyclotrisiloxane				3901-77-7
<i>T</i> /°C	20.0					91F1
<i>η</i> /(mPa s)	1.452					
212	C₉H₂₀O₃Si	allyl-triethoxy-silane				2550-04-1
<i>T</i> /°C	20.0	25.0	40.0	60.0		75N1
<i>η</i> /(mPa s)	0.7641	0.7158	0.6127	0.5214		
213	C₉H₂₀Si	1,1-diethyl-silane				16033-61-7
<i>T</i> /°C	-53.9	-40.0	-17.8	37.8	98.9	61B1
<i>v</i> /(mm ² /s)	9.93	5.98	3.35	1.22	0.68	
214	C₉H₂₁ClO₆Si	chloro-tris-(2-methoxy-ethyl)-silane				1789-01-0
<i>T</i> /°C	20.0	25.0				48A1
<i>η</i> /(mPa s)	3.52	3.16				
215	C₉H₂₂Si	hexyl-trimethyl-silane				3429-62-7
<i>T</i> /°C	0.0	20.0	60.0			46W1
<i>η</i> /(mPa s)	1.186	0.847	0.502			

216	C₉H₂₂Si	propyl-triethyl-silane		994-44-5
<i>T</i> /°C	0.0	20.0		46W1
<i>η</i> /(mPa s)	0.998	0.738		
217	C₉H₂₃NO₄Si₄	(heptamethyl-cyclotetrasiloxan-2-yl)-acetonitrile		2637-47-0
<i>T</i> /°C	37.8	65.0	98.9	55P1
<i>η</i> /(mPa s)	4.87	2.74	1.48	
218	C₉H₂₄O₃Si₃	triethyl-trimethyl-cyclotrisiloxane		15901-49-2
<i>T</i> /°C	20.0			91F1
<i>η</i> /(mPa s)	2.06			
219	C₉H₂₆OSi₃	2,2,4,4,6,6-hexamethyl-3-oxa-2,4,6-trisila-heptane		6231-63-6
<i>T</i> /°C	20.0	40.0	60.0	56H1
<i>η</i> /(mPa s)	1.1990	0.9041	0.6737	
<i>T</i> /°C	2.0	30.0	99.3	46C2
<i>v</i> /(mm ² /s)	1.914	1.287	0.657	
220	C₉H₂₆O₃Si₃	3-methoxymethyl-1,1,1,3,5,5,5-heptamethyl-trisiloxane		17905-88-3
<i>T</i> /°C	25.0			59A2
<i>v</i> /(mm ² /s)	1.50			
221	C₁₀H₁₂ClF₃Si	(4-chloro-3-trifluoromethyl-phenyl)-trimethyl-silane		453-54-3
<i>T</i> /°C	37.8	98.9		56F1
<i>v</i> /(mm ² /s)	1.650	0.719		
222	C₁₀H₁₂F₁₂OSi	[(1H,1H,1H-dodecafluoroheptyl)oxy]-trimethyl-silane		56002-71-2
<i>T</i> /°C	20.0			78L2
<i>η</i> /(mPa s)	3.77			
223	C₁₀H₁₃F₃Si	trimethyl-(2-trifluoromethyl-phenyl)-silane		312-92-5
<i>T</i> /°C	37.8	98.9		56F1
<i>v</i> /(mm ² /s)	1.235	0.593		

224	C₁₀H₁₃F₃Si	trimethyl-(3-trifluoromethyl-phenyl)-silane				4405-40-7
<i>T</i> /°C	37.8	98.9				56F1
<i>v</i> /(mm ² /s)	1.026	0.524				
225	C₁₀H₁₃F₃Si	trimethyl-(4-trifluoromethyl-phenyl)-silane				312-75-4
<i>T</i> /°C	37.8	98.9				56F1
<i>v</i> /(mm ² /s)	0.935	0.496				
226	C₁₀H₁₆OSi	ethoxy-dimethyl-phenyl-silane				1825-58-7
<i>T</i> /°C	25.0				52D1	
<i>v</i> /(mm ² /s)	1.30					
227	C₁₀H₁₆O₄Si	silicic acid trimethyl ester 2-methyl-phenyl ester				17873-03-9
<i>T</i> /°C	-35.0	25.0	37.8			48P1
<i>v</i> /(mm ² /s)	8.40	1.70	1.37			
228	C₁₀H₁₆Si	diallyl-divinyl-silane				119901-88-1
<i>T</i> /°C	20.0				88Z1	
<i>η</i> /(mPa s)	0.713					
229	C₁₀H₁₇ClSi	chloromethyl-triallyl-silane				115946-71-9
<i>T</i> /°C	20.0				88Z1	
<i>η</i> /(mPa s)	1.880					
230	C₁₀H₁₈Si	methyl-triallyl-silane				1112-91-0
<i>T</i> /°C	20.0				88Z1	
<i>η</i> /(mPa s)	0.972					
231	C₁₀H₂₀O₂Si	diallyl-diethoxy-silane				13081-67-9
<i>T</i> /°C	0.0	20.0	25.0	40.0	60.0	75N1
<i>η</i> /(mPa s)	1.1753	0.8732	0.8081	0.6722	0.5473	
232	C₁₀H₂₄O₂Si	dibutoxy-dimethyl-silane				1591-02-2
<i>T</i> /K	293.15				82L1	
<i>η</i> /(mPa s)	1.00					

$\ln(\eta / (\text{mPa s})) = 941.8 / (T/\text{K} - 43.4) - 3.77204$			82L1
233	C₁₀H₂₄O₂Si	diethyl-dipropoxy-silane	17985-18-1
<i>T</i> /K	293.15		82L1
$\eta / (\text{mPa s})$	0.970		
$\ln(\eta / (\text{mPa s})) = 542.6 / (T/\text{K} - 106.0) - 2.93074$			82L1
234	C₁₀H₂₄Si	butyl-triethyl-silane	994-96-7
<i>T</i> /°C	0.0	20.0	46W1
$\eta / (\text{mPa s})$	1.351	0.954	
235	C₁₀H₂₄Si	heptyl-trimethyl-silane	3429-80-9
<i>T</i> /°C	0.0	20.0	46W1
$\eta / (\text{mPa s})$	1.618	1.105	0.621
236	C₁₀H₂₅F₃O₂Si₃	1,1,1,3,5,5,5-heptamethyl-3-(3,3,3-trifluoropropyl)-trisiloxane	27703-88-4
<i>T</i> /°C	20.0		77S1
$\nu / (\text{mm}^2/\text{s})$	1.83		
237	C₁₀H₂₅F₃O₄Si₄	heptamethyl-(3,3,3-trifluoropropyl)-cyclotetrasiloxane	1744-30-5
<i>T</i> /°C	20.0		77S1
$\nu / (\text{mm}^2/\text{s})$	3.57		
238	C₁₀H₂₆Cl₄O₃Si₄	1,3,5,7-tetrakis-chloromethyl-1,1,3,5,7,7-hexamethyl-tetrasiloxane	17940-43-1
<i>T</i> /°C	55.8	99.4	49S3
$\nu / (\text{mm}^2/\text{s})$	4.97	2.45	
239	C₁₀H₂₆O₄Si₃	acetic acid 1,1,1,3,5,5,5-heptamethyl-trisiloxan-3-ylmethyl ester	18001-57-5
<i>T</i> /°C	25.0		59A2
$\nu / (\text{mm}^2/\text{s})$	2.0		
240	C₁₀H₂₆O₅Si₂	1,1,3,3-tetraethoxy-1,3-dimethyl-disiloxane	18001-60-0
<i>T</i> /°C	25.0		49F2

ν /(mm ² /s)	1.24			
241	C₁₀H₂₈Cl₂O₃Si₄	1,7-bis-(chloromethyl)-1,1,3,3,5,5,7,7-octamethyl-tetrasiloxane		17988-80-6
T /°C	0.0	99.4		49S3
ν /(mm ² /s)	5.61	1.20		
242	C₁₀H₂₈Cl₂O₃Si₄	3,5-bis-(chloromethyl)-1,1,1,3,5,7,7,7-octamethyl-tetrasiloxane		17988-79-3
T /°C	0.0	25.0		59A2
ν /(mm ² /s)	6.02	3.60		
T /°C	0.0	99.4		49S3
ν /(mm ² /s)	6.02	1.18		
243	C₁₀H₂₈O₂Si₃	3,3-diethyl-1,1,1,5,5,5-hexamethyl-trisiloxane		17988-84-0
T /°C	0.0	20.0	60.0	49S1
η /(mPa s)	2.020	1.441	0.841	
T /°C	20.0			69A1
ν /(mm ² /s)	1.64			
244	C₁₀H₂₈O₂Si₄	2,2,4,4,6,6,8,8-octamethyl-1,5-dioxa-2,4,6,8-tetrasilacyclooctane		15261-06-0
T /°C	25.0			48D1
ν /(mm ² /s)	3.12			
245	C₁₀H₂₈O₃Si₃	3-ethoxymethyl-1,1,1,3,5,5,5-heptamethyl-trisiloxane		17962-68-4
T /°C	25.0			59A2
ν /(mm ² /s)	1.50			
246	C₁₀H₂₈O₄Si₃	1,5-diethoxy-1,1,3,3,5,5-hexamethyl-trisiloxane		17928-13-1
T /°C	25.0			49F1
ν /(mm ² /s)	1.35			
247	C₁₀H₂₈Si₃	2,2,4,4,6,6-hexamethyl-2,4,6-trisila-heptane		5695-47-6
T /°C	0.0	20.0	60.0	49S2
η /(mPa s)	2.726	1.788	0.965	

248	C₁₀H₃₀O₃Si₄	decamethyl-tetrasiloxane							141-62-8
<i>T</i> /°C	20.0								95G1
<i>η</i> /(mPa s)	1.35								
<i>T</i> /°C	30.0								60G2
<i>η</i> /(mPa s)	1.170								
<i>T</i> /°C	25.0	50.0	75.0						46H3
<i>η</i> /(mPa s)	1.310	0.928	0.691						
<i>T</i> /°C	37.8	99.0							46W2
<i>η</i> /(mPa s)	1.09	0.541							
<i>T</i> /°C	20.0								77S1
<i>v</i> /(mm ² /s)	1.63								
<i>T</i> /°C	-30.0	0.0	30.0	60.0	90.0	120.0	140.0	180.0	60G1
<i>v</i> /(mm ² /s)	3.705	2.116	1.398	0.977	0.725	0.557	0.474	0.357	
<i>T</i> /°C	20.0	40.0	70.0						58W1
<i>v</i> /(mm ² /s)	1.632	1.259	0.902						
<i>T</i> /°C	25.0								59A2
<i>v</i> /(mm ² /s)	1.53								
<i>T</i> /°C	25.0								46H2
<i>v</i> /(mm ² /s)	1.53								
249	C₁₀H₃₀O₃Si₄	1,1,1,3,5,5,5-heptamethyl-3-trimethylsilyloxy-trisiloxane							17928-28-8
<i>T</i> /°C	20.0								91F1
<i>η</i> /(mPa s)	1.44								
<i>T</i> /°C	25.0	50.0	75.0						46H3
<i>η</i> /(mPa s)	1.360	0.9517	0.7055						
<i>T</i> /°C	25.0								47W1
<i>v</i> /(mm ² /s)	1.57								
250	C₁₀H₃₀O₅Si₄	1,7-dimethoxy-1,1,3,3,5,5,7,7-octamethyl-tetrasiloxane							17928-31-3
<i>T</i> /°C	25.0								57L1
<i>v</i> /(mm ² /s)	1.87								
251	C₁₀H₃₀O₅Si₅	decamethyl-cyclopentasiloxane							541-02-6

$T/^\circ\text{C}$	25.0							86F1
$\eta/(\text{mPa s})$	3.761							
$\ln(\eta/(\text{mPa s})) = 1883./(T/\text{K}) - 4.991$ for $285 \leq T/\text{K} \leq 340$								
$T/^\circ\text{C}$	28.0							81F1
$\eta/(\text{mPa s})$	3.99							
$T/^\circ\text{C}$	30.0							60G2
$\eta/(\text{mPa s})$	3.347							
$T/^\circ\text{C}$	25.0	50.0	75.0					46H3
$\eta/(\text{mPa s})$	3.824	2.358	1.562					
$T/^\circ\text{C}$	37.8	99.0						46W2
$\eta/(\text{mPa s})$	2.94	1.11						
$T/^\circ\text{C}$	20.0	40.0	70.0					58W1
$\nu/(\text{mm}^2/\text{s})$	4.457	3.023	1.858					
$T/^\circ\text{C}$	25.0							46H1
$\nu/(\text{mm}^2/\text{s})$	3.87							
252	$\text{C}_{10}\text{H}_{30}\text{O}_9\text{Si}_4$	1,1,3,5,7,7-hexamethoxy-1,3,5,7-tetramethyl-tetrasiloxane						17988-15-7
$T/^\circ\text{C}$	20.0	25.0	30.0	40.0	50.0	60.0		59M1
$\eta/(\text{mPa s})$	3.239	2.948	2.686	2.282	1.898	1.609		
253	$\text{C}_{11}\text{H}_{16}\text{Si}$	allyl-dimethyl-phenyl-silane						18001-18-8
$T/^\circ\text{C}$	20.0							88Z1
$\eta/(\text{mPa s})$	1.390							
254	$\text{C}_{11}\text{H}_{18}\text{O}_2\text{Si}$	diethoxy-methyl-phenyl-silane						775-56-4
$T/^\circ\text{C}$	25.0							52D1
$\nu/(\text{mm}^2/\text{s})$	1.6							
255	$\text{C}_{11}\text{H}_{20}\text{OSi}$	ethoxy-triallyl-silane						17962-20-8
$T/^\circ\text{C}$	0.0	20.0	25.0	40.0	60.0			75N1
$\eta/(\text{mPa s})$	1.3629	0.9612	0.8900	0.7291	0.5850			
256	$\text{C}_{11}\text{H}_{20}\text{OSi}_2$	1,1,3,3,3-pentamethyl-1-phenyl-disiloxane						14920-92-4
$T/^\circ\text{C}$	25.0							52D1
$\nu/(\text{mm}^2/\text{s})$	1.5							

$T/^\circ\text{C}$	25.0					45C1
$\nu/(\text{mm}^2/\text{s})$	1.3					
257	$\text{C}_{11}\text{H}_{20}\text{O}_3\text{Si}_3$	2,2,4,4,6-pentamethyl-6-phenyl-cyclotrisiloxane				17962-31-1
$T/^\circ\text{C}$	20.0					72K2
$\nu/(\text{mm}^2/\text{s})$	3.4					
258	$\text{C}_{11}\text{H}_{24}\text{Si}$	1,1-dipropyl-silane				18038-19-2
$T/^\circ\text{C}$	-53.9	-40.0	-17.8	37.8	98.9	61B1
$\nu/(\text{mm}^2/\text{s})$	26.6	12.24	4.95	1.50	0.77	
259	$\text{C}_{11}\text{H}_{26}\text{O}_3\text{Si}$	ethyl-tripropoxy-silane				18138-57-3
T/K	293.15					82L1
$\eta/(\text{mPa s})$	1.11					
$\ln(\eta/(\text{mPa s})) = 699.4/(T/\text{K} - 80.3) - 3.18490$						82L1
260	$\text{C}_{11}\text{H}_{26}\text{Si}$	octyl-trimethyl-silane				3429-76-3
$T/^\circ\text{C}$	0.0	20.0	60.0			46W1
$\eta/(\text{mPa s})$	2.149	1.412	0.758			
261	$\text{C}_{11}\text{H}_{26}\text{Si}$	pentyl-triethyl-silane				18044-55-8
$T/^\circ\text{C}$	0.0	20.0	60.0			46W1
$\eta/(\text{mPa s})$	1.740	1.185	0.667			
262	$\text{C}_{11}\text{H}_{32}\text{GeO}_2\text{Si}_3$	1,1,1,3,5,5,5-heptamethyl-3-(trimethylgermanyl-methyl)-trisiloxane				18057-79-9
$T/^\circ\text{C}$	0.0	25.0	100.0			55S1
$\nu/(\text{mm}^2/\text{s})$	3.69	2.14	0.787			
263	$\text{C}_{11}\text{H}_{32}\text{O}_2\text{Si}_3\text{Sn}$	1,1,1,3,5,5,5-heptamethyl-3-(trimethylstannyl-methyl)-trisiloxane				18152-06-2
$T/^\circ\text{C}$	0.0	25.0	100.0			55S1
$\nu/(\text{mm}^2/\text{s})$	3.72	2.21	0.831			
264	$\text{C}_{11}\text{H}_{32}\text{O}_2\text{Si}_4$	1,1,1,3,5,5,5-heptamethyl-3-(trimethylsilanyl-methyl)-trisiloxane				18057-80-2

$T/^\circ\text{C}$	0.0	25.0	99.9	55S1
$\nu/(\text{mm}^2/\text{s})$	3.19	2.07	0.834	
265	$\text{C}_{11}\text{H}_{32}\text{O}_2\text{Si}_4$	2,2,4,4,6,6,8,8-octamethyl-3,7-dioxa-2,4,6,8-tetrasilanonane		6231-67-0
$T/^\circ\text{C}$	20.0	40.0	60.0	56H1
$\eta/(\text{mPa s})$	1.845	1.278	0.9074	
266	$\text{C}_{11}\text{H}_{32}\text{O}_3\text{Si}_4$	3-ethyl-1,1,1,5,5,5-hexamethyl-3-trimethylsilanyloxy-trisiloxane		18030-66-5
$T/^\circ\text{C}$	0.0	20.0	60.0	49S1
$\eta/(\text{mPa s})$	2.723	1.896	1.067	
267	$\text{C}_{12}\text{H}_8\text{F}_{20}\text{O}_4\text{Si}$	silicic acid tetrakis-(2,2,3,3,3-pentafluoro-propyl ester)		311-26-2
$T/^\circ\text{C}$	-35.0	25.0	85.0	58K1
$\nu/(\text{mm}^2/\text{s})$	12.40	2.26	1.06	
268	$\text{C}_{12}\text{H}_{10}\text{Cl}_2\text{Si}$	diphenyl-dichloro-silane		80-10-4
$T/^\circ\text{C}$	20.0			91F1
$\eta/(\text{mPa s})$	5.816			
269	$\text{C}_{12}\text{H}_{12}\text{F}_{16}\text{O}_4\text{Si}$	silicic acid tetrakis-(2,2,3,3-tetrafluoro-propyl ester)		1550-84-1
$T/^\circ\text{C}$	-35.0	25.0	85.0	58K1
$\nu/(\text{mm}^2/\text{s})$	315.	9.22	2.60	
270	$\text{C}_{12}\text{H}_{16}\text{Si}$	diallyl-phenyl-silane		2412-32-0
$T/^\circ\text{C}$	20.0			88Z1
$\eta/(\text{mPa s})$	1.690			
271	$\text{C}_{12}\text{H}_{20}\text{Cl}_8\text{O}_4\text{Si}$	silicic acid tetrakis-(β,β'-dichloro-isopropyl) ester		
$T/^\circ\text{C}$	20.0			46J1
$\eta/(\text{mPa s})$	579.6			
272	$\text{C}_{12}\text{H}_{20}\text{OSi}$	butoxy-dimethyl-phenyl-silane		18052-58-9
$T/^\circ\text{C}$	25.0			59B1
$\eta/(\text{mPa s})$	1.771			

273	C₁₂H₂₀O₃Si	phenyl-triethoxy-silane	780-69-8			
<i>T</i> /°C	25.0		91F1			
<i>η</i> /(mPa s)	1.65					
<i>T</i> /K	293.15		82L1			
<i>η</i> /(mPa s)	1.780					
ln (<i>η</i> /(mPa s)) = 677.8/(<i>T</i> /K-102.9) - 2.98862			82L1			
274	C₁₂H₂₀O₄Si	silicic acid phenyl triethyl ester	18023-36-4			
<i>T</i> /°C	16.3	20.0	35.0	50.0	70.0	53R1
<i>η</i> /(mPa s)	2.067	1.923	1.554	1.250	0.997	
275	C₁₂H₂₀Si	tetraallyl-silane	1112-66-9			
<i>T</i> /°C	20.0					88Z1
<i>η</i> /(mPa s)	1.180					
276	C₁₂H₂₄O₄Si₄	2,4,6,8-tetramethyl-2,4,6,8-tetravinyl-cyclotetrasiloxane	2554-06-5			
<i>T</i> /°C	20.0					91F1
<i>η</i> /(mPa s)	3.82					
277	C₁₂H₂₅NO₂Si	dibutyloxy-methyl-(2-cyanoethyl)-silane	18081-55-5			
<i>T</i> /°C	20.0					83L1
<i>η</i> /(mPa s)	3.04					
278	C₁₂H₂₆O₃Si₂	1,1,3,3-tetramethyl-1,3-bis-(2-oxiranyl-ethyl)-disiloxane	18053-70-8			
<i>T</i> /°C	25.0					59P2
<i>v</i> /(mm ² /s)	5.0					
279	C₁₂H₂₇FSi	fluoro-tributyl-silane	338-49-8			
<i>T</i> /°C	25.0	40.0				62S1
<i>η</i> /(mPa s)	2.424	1.911				
280	C₁₂H₂₈O₂Si	dibutoxy-diethyl-silane	18127-33-8			
<i>T</i> /K	293.15					82L1
<i>η</i> /(mPa s)	1.28					

$$\ln(\eta / (\text{mPa s})) = 1028. / (T/\text{K} - 44.9) - 3.89519$$

82L1

281 **C₁₂H₂₈O₂Si** **diisopentyloxy-dimethyl-silane** **18166-19-3**

T/°C 20.0 55A1

v/(mm²/s) 2.17

282 **C₁₂H₂₈O₄Si** **silicic acid tetraisopropyl ester** **1992-48-9**

T/K 298.15 81V1

η/(mPa s) 1.054

$$\ln(\eta / (\text{mPa s})) = 1364. / (T/\text{K}) - 4.521 \quad \text{for } 250 \leq T/\text{K} \leq 370$$

T/°C 0.0 74D1

η/(mPa s) 1.630

$$\eta / (\text{mPa s}) = 1.630 - (T / ^\circ\text{C}) / [34.0 + 0.4663(T / ^\circ\text{C})] \quad \text{for } 0 \leq (T / ^\circ\text{C}) \leq 90$$

T/°C 20.0 30.0 40.0 50.0 53T1

η/(mPa s) 1.490 1.259 1.087 0.9478

T/°C 30.0 80.0 89A1

v/(mm²/s) 1.25 0.76

T/°C 40.0 100.0 87A1

v/(mm²/s) 1.18 0.53

283 **C₁₂H₂₈O₄Si** **silicic acid tetrapropyl ester** **682-01-9**

T/°C 0.0 74D1

η/(mPa s) 1.984

$$\eta / (\text{mPa s}) = 1.984 - (T / ^\circ\text{C}) / [26.5 + 0.3829(T / ^\circ\text{C})] \quad \text{for } 0 \leq (T / ^\circ\text{C}) \leq 90$$

T/°C 30.0 80.0 89A1

v/(mm²/s) 1.40 0.83

T/°C -35.0 25.0 85.0 58K1

v/(mm²/s) 5.30 1.43 0.72

284 **C₁₂H₂₈O₈Si** **silicic acid tetrakis-(2-methoxy-ethyl) ester** **2157-45-1**

T/°C 20.5 25.0 48A1

η/(mPa s) 3.62 2.88

285 **C₁₂H₂₈Si** **hexyl-triethyl-silane** **13810-04-3**

$T/^\circ\text{C}$	0.0	20.0	60.0			46W1
$\eta/(\text{mPa}\cdot\text{s})$	2.314	1.515	0.813			
286	$\text{C}_{12}\text{H}_{30}\text{OSi}_2$	hexaethyl-disiloxane				994-49-0
$T/^\circ\text{C}$	30.0	60.0	90.0	140.0	180.0	60G1
$\nu/(\text{mm}^2/\text{s})$	2.100	1.396	1.000	0.645	0.480	
$T/^\circ\text{C}$	-40.0	-20.0	0.0	50.0	100.0	54T1
$\nu/(\text{mm}^2/\text{s})$	10.30	5.82	3.16	1.49	0.86	
287	$\text{C}_{12}\text{H}_{30}\text{O}_3\text{Si}_3$	hexaethyl-cyclotrisiloxane				2031-79-0
$T/^\circ\text{C}$	30.0					60G2
$\eta/(\text{mPa}\cdot\text{s})$	3.191					
$T/^\circ\text{C}$	25.0					46D1
$\eta/(\text{mPa}\cdot\text{s})$	4.40					
$T/^\circ\text{C}$	25.0					48Y1
$\nu/(\text{mm}^2/\text{s})$	3.80					
288	$\text{C}_{12}\text{H}_{30}\text{O}_7\text{Si}_2$	disilicic acid hexaethyl ester				2157-42-8
$T/^\circ\text{C}$	20.0	50.0				53T1
$\eta/(\text{mPa}\cdot\text{s})$	1.703	1.129				
289	$\text{C}_{12}\text{H}_{31}\text{Cl}_5\text{O}_4\text{Si}_5$	1,3,5,7,9-pentakis-chloromethyl-1,1,3,5,7,9,9-heptamethyl-pentasiloxane				18151-87-6
$T/^\circ\text{C}$	55.8	99.4				49S3
$\nu/(\text{mm}^2/\text{s})$	8.00	3.61				
290	$\text{C}_{12}\text{H}_{31}\text{F}_3\text{O}_3\text{Si}_4$	1,1,1,3,3,5,7,7,7-nonamethyl-5-(3,3,3-trifluoropropyl)-tetrasiloxane				67972-78-5
$T/^\circ\text{C}$	20.0					77S1
$\nu/(\text{mm}^2/\text{s})$	2.25					
291	$\text{C}_{12}\text{H}_{32}\text{O}_2\text{Si}_3$	1,1,1,3,5,5,5-heptamethyl-3-neopentyl-trisiloxane				18082-51-4
$T/^\circ\text{C}$	0.0	25.0	100.0			55S1
$\nu/(\text{mm}^2/\text{s})$	3.33	2.12	0.830			
292	$\text{C}_{12}\text{H}_{32}\text{O}_3\text{Si}_3$	1,2,3-tris-(trimethylsilyloxy)-propane				6787-10-6

$T/^\circ\text{C}$	20.0	40.0	60.0	80.0	53B2
$\nu/(\text{mm}^2/\text{s})$	2.871	1.918	1.432	1.087	
293	$\text{C}_{12}\text{H}_{32}\text{O}_4\text{Si}_4$	2,4,6,8-tetraethyl-2,4,6,8-tetramethyl-cyclotetrasiloxane			7623-01-0
$T/^\circ\text{C}$	20.0				91F1
$\eta/(\text{mPa}\cdot\text{s})$	5.69				
294	$\text{C}_{12}\text{H}_{33}\text{Cl}_3\text{O}_4\text{Si}_5$	3,5,7-tris-(chloromethyl)-1,1,1,3,5,7,9,9,9-nonamethyl-pentasiloxane			18077-34-4
$T/^\circ\text{C}$	0.0	99.4			49S3
$\nu/(\text{mm}^2/\text{s})$	9.83	1.67			
295	$\text{C}_{12}\text{H}_{33}\text{NO}_2\text{Si}_3$	diethyl-(1,1,1,3,5,5,5-heptamethyl-trisiloxan-3-ylmethyl)-amine			17201-92-2
$T/^\circ\text{C}$	20.0				59G1
$\nu/(\text{mm}^2/\text{s})$	2.70				
296	$\text{C}_{12}\text{H}_{34}\text{Cl}_2\text{O}_4\text{Si}_5$	1,9-bis-(chloromethyl)-1,1,3,3,5,5,7,7,9,9-decamethyl-pentasiloxane			18138-53-9
$T/^\circ\text{C}$	0.0	99.4			49S3
$\nu/(\text{mm}^2/\text{s})$	6.80	1.41			
297	$\text{C}_{12}\text{H}_{34}\text{OSi}_4$	2,2,4,4,6,6,8,8-octamethyl-5-oxa-2,4,6,8-tetrasiloxane			18077-57-1
$T/^\circ\text{C}$	20.0	40.0	60.0		56H1
$\eta/(\text{mPa}\cdot\text{s})$	2.441	1.691	1.186		
298	$\text{C}_{12}\text{H}_{34}\text{O}_2\text{Si}_4$	1,1,1,3,5,5,5-heptamethyl-3-(2-trimethylsilylanyl-ethyl)-trisiloxane			18077-53-7
$T/^\circ\text{C}$	0.0	25.0	100.0		55S1
$\nu/(\text{mm}^2/\text{s})$	6.55	3.38	0.918		
299	$\text{C}_{12}\text{H}_{34}\text{O}_3\text{Si}_4$	1,1,1,3,3,7,7,7-octamethyl-5,5-diethyl-tetrasiloxane			22158-49-2
$T/^\circ\text{C}$	20.0				69A1
$\nu/(\text{mm}^2/\text{s})$	1.73				

300	C₁₂H₃₄O₅Si₄	1,7-diethoxy-1,1,3,3,5,5,7,7-octamethyl-tetrasiloxane		18077-55-9
<i>T</i> /°C	25.0			49F1
<i>v</i> /(mm ² /s)	1.78			
301	C₁₂H₃₅NO₂Si₄	2,2,4,4,8,8,10,10-octamethyl-3,9-dioxa-6-aza-2,4,8,10-tetrasiloxane		18169-01-2
<i>T</i> /°C	37.8	66.0	99.0	55G1
<i>v</i> /(mm ² /s)	1.880	1.290	0.920	
302	C₁₂H₃₆O₄Si₅	dodecamethyl-pentasiloxane		141-63-9
<i>T</i> /°C	30.0			60G2
<i>η</i> /(mPa s)	1.623			
<i>T</i> /°C	25.0	50.0	75.0	46H3
<i>η</i> /(mPa s)	1.826	1.266	0.9301	
<i>T</i> /°C	37.8	99.0		46W2
<i>η</i> /(mPa s)	1.50	0.716		
<i>T</i> /°C	20.0	40.0	70.0	58W1
<i>v</i> /(mm ² /s)	2.226	1.682	1.171	
<i>T</i> /°C	25.0			46H2
<i>v</i> /(mm ² /s)	2.06			
303	C₁₂H₃₆O₄Si₅	1,1,1,5,5,5-hexamethyl-3,3-bis-(trimethylsilanyloxy)-trisiloxane		3555-47-3
<i>T</i> /°C	20.0			91F1
<i>η</i> /(mPa s)	2.82			
<i>T</i> /°C	0.0	20.0	60.0	49S1
<i>η</i> /(mPa s)	4.235	2.868	1.503	
<i>T</i> /°C	20.0			55S2
<i>v</i> /(mm ² /s)	3.41			
<i>T</i> /°C	25.0			47W1
<i>v</i> /(mm ² /s)	2.97			
304	C₁₂H₃₆O₆Si₅	1,9-dimethoxy-1,1,3,3,5,5,7,7,9,9-decamethyl-pentasiloxane		4253-32-1
<i>T</i> /°C	25.0			57L1
<i>v</i> /(mm ² /s)	2.51			

305	C₁₂H₃₆O₆Si₆	dodecamethyl-cyclohexasiloxane				540-97-6	
<i>T</i> /°C	25.0	50.0	75.0			46H3	
<i>η</i> /(mPa s)	6.875	4.060	2.544				
<i>T</i> /°C	37.8	99.0				46W2	
<i>η</i> /(mPa s)	5.10	1.75					
<i>T</i> /°C	20.0	40.0	70.0			58W1	
<i>v</i> /(mm ² /s)	7.800	5.123	2.997				
<i>T</i> /°C	25.0					46H1	
<i>v</i> /(mm ² /s)	6.62						
306	C₁₂H₃₆O₁₁Si₅	1,1,3,5,7,9,9-heptamethoxy-1,3,5,7,9-pentamethyl-pentasiloxane				18395-46-5	
<i>T</i> /°C	20.0	25.0	30.0	40.0	50.0	60.0	59M1
<i>η</i> /(mPa s)	4.698	4.273	3.869	3.225	2.654	2.250	
307	C₁₃H₁₃ClSi	chloro-methyl-diphenyl-silane				144-79-6	
<i>T</i> /°C	20.0					91F1	
<i>η</i> /(mPa s)	7.01						
<i>T</i> /°C	25.0					52D1	
<i>v</i> /(mm ² /s)	5.2						
308	C₁₃H₁₄O_{Si}	methyl-diphenyl-silanol				778-25-6	
<i>T</i> /°C	25.0					52D1	
<i>v</i> /(mm ² /s)	198.						
309	C₁₃H₁₄Si	diphenyl-methyl-silane				776-76-1	
<i>T</i> /°C	25.0					91F1	
<i>η</i> /(mPa s)	3.0						
310	C₁₃H₁₈Si	diallyl-methyl-phenyl-silane				2633-60-5	
<i>T</i> /°C	20.0					88Z1	
<i>η</i> /(mPa s)	2.090						
311	C₁₃H₂₂O₄Si	silicic acid triethyl ester 2-methyl-phenyl ester				18412-33-4	
<i>T</i> /°C	-35.0	25.0	37.8			48P1	

ν /(mm ² /s)	9.80	2.00	1.62		
312	C₁₃H₂₅ClO₄Si₄	heptamethyl-(chloro-phenyl)-cyclotetrasiloxane			
T /°C	20.0				60A1
ν /(mm ² /s)	10.49				
313	C₁₃H₂₆O₂Si₃	1,1,1,3,3,5,5-heptamethyl-5-phenyl-trisiloxane			18407-16-4
T /°C	25.0				52D1
ν /(mm ² /s)	2.0				
314	C₁₃H₂₆O₂Si₃	1,1,1,3,5,5,5-heptamethyl-3-phenyl-trisiloxane			546-44-1
T /°C	20.0				59G1
ν /(mm ² /s)	2.26				
315	C₁₃H₂₆O₄Si₄	heptamethyl-phenyl-cyclotetrasiloxane			10448-09-6
T /°C	20.0				72K2
ν /(mm ² /s)	6.1				
T /°C	20.0				60A1
ν /(mm ² /s)	6.16				
316	C₁₃H₂₈Si	1,1-dibutyl-silane			18419-25-5
T /°C	-53.9	-40.0	-17.8	37.8	98.9
ν /(mm ² /s)	131.2	41.6	11.61	2.28	0.97
					61B1
317	C₁₃H₃₀O₃Si	tris-(<i>tert</i>-butoxy)-methyl-silane			18442-71-2
T /°C	37.8	99.0			59P1
ν /(mm ² /s)	2.460	0.9217			
318	C₁₃H₃₀Si	decyl-trimethyl-silane			18414-75-0
T /°C	0.0	20.0	60.0		46W1
η /(mPa s)	3.718	2.261	1.096		
319	C₁₃H₃₀Si	heptyl-triethyl-silane			18414-81-8
T /°C	0.0	20.0	60.0		46W1
η /(mPa s)	3.054	1.918	0.980		

320	C₁₃H₃₂Si₂	(diethyl-triethylsilanylmethyl-silanyl)-ethane			18418-73-0	
<i>T</i> /°C	-40.0	-20.0	0.0	50.0	100.0	54T1
<i>v</i> /(mm ² /s)	14.3	5.97	3.70	1.50	0.88	
321	C₁₃H₃₄O₇Si₃	1,1,3,5,5-pentaethoxy-1,3,5-trimethyl-trisiloxane			18419-59-5	
<i>T</i> /°C	25.0					49F2
<i>v</i> /(mm ² /s)	1.92					
322	C₁₃H₃₆Si₄	2,2,4,4,6,6,8,8-octamethyl-2,4,6,8-tetrasilane-nonane			18419-73-3	
<i>T</i> /°C	0.0	20.0	60.0			49S2
<i>η</i> /(mPa s)	5.995	3.590	1.682			
323	C₁₄H₁₆O₂Si	diphenyl-dimethoxy-silane			6843-66-9	
<i>T</i> /°C	25.0					91F1
<i>η</i> /(mPa s)	6.9					
324	C₁₄H₁₆Si	dimethyl-diphenyl-silane			778-24-5	
<i>T</i> /°C	25.0					91F1
<i>η</i> /(mPa s)	3.57					
<i>T</i> /°C	25.0	35.0	45.0			56M2
<i>η</i> /(mPa s)	3.572	2.780	2.235			
325	C₁₄H₁₈Si	diallyl-phenyl-vinyl-silane			119901-89-2	
<i>T</i> /°C	20.0					88Z1
<i>η</i> /(mPa s)	2.700					
326	C₁₄H₂₅Cl₃O₂Si₃	3-ethyl-1,1,1,5,5,5-hexamethyl-3-(2,4,6-trichloro-phenyl)-trisiloxane			111330-01-9	
<i>T</i> /°C	20.0					57A1
<i>η</i> /(mPa s)	70.0					
327	C₁₄H₂₆Cl₂O₂Si₃	3-ethyl-3-(2,4-dichloro-phenyl)-1,1,1,5,5,5-hexamethyl-trisiloxane			111330-03-1	
<i>T</i> /°C	20.0					57A1

η / (mPa s)	25.6			
328	C₁₄H₂₆O₂Si₂	2-[3-(pentamethyl-disiloxanyl)-propyl]-phenol		4515-50-8
<i>T</i> / °C	25.0			59P2
η / (mPa s)	24.0			
329	C₁₄H₂₇ClO₂Si₃	3-ethyl-3-(4-chloro-phenyl)-1,1,1,5,5,5-hexamethyl-trisiloxane		110396-01-5
<i>T</i> / °C	20.0			57A1
η / (mPa s)	23.0			
330	C₁₄H₂₈ClNO₂Si₃	3-(2-chloro-anilinomethyl)-1,1,1,3,5,5,5-heptamethyl-trisiloxane		18406-53-6
<i>T</i> / °C	20.0			59G1
ν / (mm ² /s)	4.86			
331	C₁₄H₂₈O₂Si₃	3-ethyl-1,1,1,5,5,5-hexamethyl-3-phenyl-trisiloxane		18551-26-3
<i>T</i> / °C	20.0			57A1
η / (mPa s)	3.10			
332	C₁₄H₂₈O₆Si₂	<i>cis</i>-but-2-enedioic acid mono-(3-[2-(3-hydroxy-propyl)-1,1,2,2-tetramethyl-disiloxanyl]-propyl) ester		88351-30-8
<i>T</i> / °C	20.0			85G1
η / (mPa s)	588.			
333	C₁₄H₂₉NO₂Si₃	N-[(heptamethyl-trisiloxan-3-yl)-methyl]-aniline		22076-13-7
<i>T</i> / °C	20.0			59G1
ν / (mm ² /s)	5.00			
334	C₁₄H₂₉NO₄Si₄	N-[(heptamethyl-cyclotetrasiloxan-2-yl)-methyl]-aniline		18402-25-0
<i>T</i> / °C	37.8	66.0	99.0	55G1
ν / (mm ² /s)	7.59	3.80	2.14	
335	C₁₄H₃₀O₅Si₂	1,3-bis-(3-acetoxy-propyl)-1,1,3,3-tetramethyl-disiloxane		17947-89-6
<i>T</i> / °C	0.0	20.0	60.0	55S4
η / (mPa s)	11.48	5.94	2.41	

336	C₁₄H₃₀O₅Si₂	4,4,6,6-tetramethyl-5-oxa-4,6-disila-nonanedioic acid diethyl ester			17947-88-5
<i>T</i> /°C	0.0	20.0	60.0		55S4
<i>η</i> /(mPa s)	8.10	4.51	2.07		
337	C₁₄H₃₂O₃Si	ethyl-tributoxy-silane			17957-38-9
<i>T</i> /K	293.15				82L1
<i>η</i> /(mPa s)	1.63				
$\ln(\eta /(\text{mPa s})) = 801.5/(T/\text{K} - 80.8) - 3.28649$					82L1
338	C₁₄H₃₂O₃Si	octyl-triethoxy-silane			153921-58-5
<i>T</i> /°C	25.0	40.0		62S1	
<i>η</i> /(mPa s)	1.502	1.269			
339	C₁₄H₃₂Si	octyl-triethyl-silane			10175-53-8
<i>T</i> /°C	0.0	20.0	60.0		46W1
<i>η</i> /(mPa s)	3.865	2.343	1.144		
340	C₁₄H₃₄O₅Si₂	1,13-dimethoxy-6,6,8,8-tetramethyl-3,7,11-trioxa-6,8-disila-tridecane			
<i>T</i> /°C	25.0				56D1
<i>v</i> /(mm ² /s)	34.0				
341	C₁₄H₃₄O₇Si₄	3,5-bis-(acetoxymethyl)-1,1,1,3,5,7,7,7-octamethyl-tetrasiloxane			17907-54-9
<i>T</i> /°C	25.0				59A2
<i>v</i> /(mm ² /s)	4.50				
342	C₁₄H₃₄Si₂	1,2-bis-(triethylsilanyl)-ethane			2295-15-0
<i>T</i> /°C	-40.0	-20.0	0.0	50.0	54T1
<i>v</i> /(mm ² /s)	27.9	9.55	5.80	2.13	1.24
343	C₁₄H₃₆O₂Si₃	1,1,1,5,5,5-hexaethyl-3,3-dimethyl-trisiloxane			17866-16-9
<i>T</i> /°C	20.0				69A1
<i>v</i> /(mm ² /s)	3.24				

344	C₁₄H₃₈Cl₄O₅Si₆	3,5,7,9-tetrakis-chloromethyl-1,1,1,3,5,7,9,11,11,11-decamethyl-hexasiloxane		17866-49-8
<i>T</i> /°C	0.0	99.4		49S3
<i>v</i> /(mm ² /s)	21.17	2.68		
345	C₁₄H₃₈O₂Si₄	2,2,4,4,9,9,11,11-octamethyl-3,10-dioxa-2,4,9,11-tetrasiloxane		17866-57-8
<i>T</i> /°C	0.0	20.0	60.0	55S3
<i>η</i> /(mPa s)	4.73	2.97	1.49	
346	C₁₄H₃₈O₃Si₄	3,3,5,5-tetraethyl-1,1,1,7,7,7-hexamethyl-tetrasiloxane		17866-60-3
<i>T</i> /°C	20.0			69A1
<i>v</i> /(mm ² /s)	3.36			
347	C₁₄H₄₀O₂Si₅	2,2,4,4,6,6,8,8,10,10-decamethyl-5,7-dioxa-2,4,6,8,10-pentasiloxane		18551-88-7
<i>T</i> /°C	20.0	40.0	60.0	56H1
<i>η</i> /(mPa s)	3.153	2.136	1.519	
348	C₁₄H₄₀O₄Si₅	1,1,1,3,3,5,5,9,9,9-decamethyl-7,7-diethyl-pentasiloxane		22158-50-5
<i>T</i> /°C	20.0			69A1
<i>v</i> /(mm ² /s)	2.47			
349	C₁₄H₄₀O₆Si₅	1,9-diethoxy-1,1,3,3,5,5,7,7,9,9-decamethyl-pentasiloxane		18412-24-3
<i>T</i> /°C	25.0			49F1
<i>v</i> /(mm ² /s)	2.24			
350	C₁₄H₄₂O₅Si₆	tetradecamethyl-hexasiloxane		107-52-8
<i>T</i> /°C	25.0	50.0	75.0	46H3
<i>η</i> /(mPa s)	2.372	1.609	1.168	
<i>T</i> /°C	37.8	99.0		46W2
<i>η</i> /(mPa s)	1.91	0.883		
<i>T</i> /°C	20.0	40.0	70.0	58W1
<i>v</i> /(mm ² /s)	2.875	2.152	1.479	

$T/^\circ\text{C}$	25.0				46H2
$\nu/(\text{mm}^2/\text{s})$	2.63				
351	$\text{C}_{14}\text{H}_{42}\text{O}_7\text{Si}_6$	1,11-dimethoxy-1,1,3,3,5,5,7,7,9,9,11,11-dodecamethyl-hexasiloxane			17909-38-5
$T/^\circ\text{C}$	25.0				57L1
$\nu/(\text{mm}^2/\text{s})$	3.11				
352	$\text{C}_{14}\text{H}_{42}\text{O}_7\text{Si}_7$	tetradecamethyl-cycloheptasiloxane			107-50-6
$T/^\circ\text{C}$	25.0	50.0	75.0		46H3
$\eta/(\text{mPa s})$	10.775	6.060	3.716		
$T/^\circ\text{C}$	37.8	99.0			46W2
$\eta/(\text{mPa s})$	7.80	2.79			
$T/^\circ\text{C}$	20.0	40.0	70.0		58W1
$\nu/(\text{mm}^2/\text{s})$	11.77	7.571	4.291		
$T/^\circ\text{C}$	25.0				46H1
$\nu/(\text{mm}^2/\text{s})$	9.47				
353	$\text{C}_{14}\text{H}_{42}\text{O}_{13}\text{Si}_6$	1,1,3,5,7,9,11,11-octamethoxy-1,3,5,7,9,11-hexamethyl-hexasiloxane			51131-88-5
$T/^\circ\text{C}$	25.0				59M1
$\eta/(\text{mPa s})$	6.276				
354	$\text{C}_{15}\text{H}_{18}\text{OSi}$	ethoxy-methyl-diphenyl-silane			1825-59-8
$T/^\circ\text{C}$	25.0				52D1
$\nu/(\text{mm}^2/\text{s})$	4.9				
355	$\text{C}_{15}\text{H}_{19}\text{ClSi}$	triallyl-(4-chloro-phenyl)-silane			119936-81-1
$T/^\circ\text{C}$	20.0				88Z1
$\eta/(\text{mPa s})$	5.610				
356	$\text{C}_{15}\text{H}_{20}\text{Si}$	phenyl-triallyl-silane			2633-57-0
$T/^\circ\text{C}$	20.0				88Z1
$\eta/(\text{mPa s})$	2.610				
357	$\text{C}_{15}\text{H}_{30}\text{O}_5\text{Si}_5$	2,4,6,8,10-pentamethyl-2,4,6,8,10-pentavinyl-cyclopentasiloxane			17704-22-2

$T/^\circ\text{C}$	20.0					91F1
$\eta/(\text{mPa}\cdot\text{s})$	6.8					
358	$\text{C}_{15}\text{H}_{31}\text{NO}_3\text{Si}$		tributyloxy-(2-cyano-ethyl)-silane			17864-19-6
$T/^\circ\text{C}$	20.0					84L1
$\eta/(\text{mPa}\cdot\text{s})$	3.06					
359	$\text{C}_{15}\text{H}_{32}\text{O}_5\text{Si}_5$		nonamethyl-phenyl-cyclopentasiloxane			17906-19-3
$T/^\circ\text{C}$	20.0					72K2
$\nu/(\text{mm}^2/\text{s})$	8.1					
360	$\text{C}_{15}\text{H}_{32}\text{Si}$		1,1-dipentyl-silane			17907-86-7
$T/^\circ\text{C}$	-53.9	-40.0	-17.8	37.8	98.9	61B1
$\nu/(\text{mm}^2/\text{s})$	314.4	91.1	21.0	3.17	1.22	
361	$\text{C}_{15}\text{H}_{33}\text{FSi}$		fluoro-tripentyl-silane			381-31-7
$T/^\circ\text{C}$	25.0	40.0				62S1
$\eta/(\text{mPa}\cdot\text{s})$	3.578	2.554				
362	$\text{C}_{15}\text{H}_{34}\text{O}_3\text{Si}$		dodecyl-trimethoxy-silane			3069-21-4
$T/^\circ\text{C}$	25.0	40.0				62S1
$\eta/(\text{mPa}\cdot\text{s})$	3.086	2.468				
363	$\text{C}_{15}\text{H}_{34}\text{O}_3\text{Si}$		triethoxy-(3,5,5-trimethyl-hexyl)-silane			17906-21-7
$T/^\circ\text{C}$	25.0	40.0				62S1
$\eta/(\text{mPa}\cdot\text{s})$	2.504	2.324				
364	$\text{C}_{15}\text{H}_{34}\text{Si}$		dodecyl-trimethyl-silane			17908-09-7
$T/^\circ\text{C}$	0.0	20.0	60.0			46W1
$\eta/(\text{mPa}\cdot\text{s})$	6.190	3.469	1.535			
$T/^\circ\text{C}$	37.8	98.9				61B1
$\nu/(\text{mm}^2/\text{s})$	3.23	1.34				
365	$\text{C}_{15}\text{H}_{40}\text{O}_5\text{Si}_5$		2,4,6,8,10-pentaethyl-2,4,6,8,10-pentamethyl-cyclopentasiloxane			17940-63-5

$T/^\circ\text{C}$	20.0			91F1
$\eta/(\text{mPa s})$	9.37			
366	$\text{C}_{15}\text{H}_{42}\text{O}_2\text{Si}_5$	6-ethyl-2,2,4,4,6,8,8,10,10-nonamethyl-5,7-dioxo-2,4,6,8,10-pentasila-undecane		17940-79-3
$T/^\circ\text{C}$	20.0	40.0	60.0	56H1
$\eta/(\text{mPa s})$	3.703	2.508	1.757	
367	$\text{C}_{16}\text{H}_{12}\text{F}_{24}\text{O}_2\text{Si}$	bis-(2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptyloxy)-dimethyl-silane		2821-15-0
$T/^\circ\text{C}$	20.0			78L2
$\eta/(\text{mPa s})$	16.48			
368	$\text{C}_{16}\text{H}_{18}\text{Si}$	allyl-methyl-diphenyl-silane		17922-43-9
$T/^\circ\text{C}$	20.0			88Z1
$\eta/(\text{mPa s})$	7.530			
369	$\text{C}_{16}\text{H}_{20}\text{O}_2\text{Si}$	diethoxy-diphenyl-silane		2553-19-7
T/K	293.15			82L1
$\eta/(\text{mPa s})$	7.50			
$\ln(\eta/(\text{mPa s})) = 583.8/(T/\text{K} - 163.7) - 2.53688$				82L1
370	$\text{C}_{16}\text{H}_{20}\text{O}_4\text{Si}$	silicic acid dimethyl ester bis-(2-methyl-phenyl) ester		17964-25-9
$T/^\circ\text{C}$	-35.0	25.0	37.8	48P1
$\nu/(\text{mm}^2/\text{s})$	51.0	4.20	3.10	
371	$\text{C}_{16}\text{H}_{22}\text{OSi}_2$	1,1,1,3-tetramethyl-3,3-diphenyl-disiloxane		1719-04-6
$T/^\circ\text{C}$	25.0			52D1
$\nu/(\text{mm}^2/\text{s})$	4.9			
372	$\text{C}_{16}\text{H}_{22}\text{OSi}_2$	1,1,3,3-tetramethyl-1,3-diphenyl-disiloxane		56-33-7
$T/^\circ\text{C}$	25.0			56C1
$\eta/(\text{mPa s})$	3.45			
$T/^\circ\text{C}$	25.0			52D1
$\nu/(\text{mm}^2/\text{s})$	3.4			

373	C₁₆H₂₂O₃Si₃	2,2,4,6-tetramethyl-4,6-diphenyl-cyclotrisiloxane	17995-19-6			
<i>T</i> /°C	20.0		72K2			
<i>v</i> /(mm ² /s)	14.5					
374	C₁₆H₂₂O₃Si₃	<i>cis</i>-2,2,4,6-tetramethyl-4,6-diphenylcyclotrisiloxane	31751-60-7			
<i>T</i> /°C	20.0		72K2			
<i>v</i> /(mm ² /s)	13.2					
375	C₁₆H₂₈O₄Si	silicic acid triisopropyl ester 2-methyl-phenyl ester	17897-59-5			
<i>T</i> /°C	-35.0	25.0	37.8	48P1		
<i>v</i> /(mm ² /s)	23.6	3.0	2.29			
376	C₁₆H₃₀N₄O₁₃Si₂	3-(2-(2-(2,2-dinitro-propoxycarbonyl)-ethyl)-1,1,2,2-tetramethyl-disiloxanyl)-propionic acid 2,2-dinitro-propyl ester	14862-59-0			
<i>T</i> /°C	0.0	50.0	100.0	68S1		
<i>v</i> /(mm ² /s)	844.54	60.02	9.35			
377	C₁₆H₃₀O₅Si₂	3-[2-(2-allyloxycarbonyl-ethyl)-1,1,2,2-tetramethyl-disiloxanyl]-propionic acid allyl ester	14862-56-7			
<i>T</i> /°C	-60.0	-50.0	0.0	50.0	100.0	68S1
<i>v</i> /(mm ² /s)	359.63	117.20	15.84	4.81	2.24	
378	C₁₆H₃₂N₂O₉Si₂	3-(1,1,2,2-tetramethyl-2-[2-(2-nitro-propoxycarbonyl)-ethyl]-disiloxanyl)-propionic acid 2-nitro-propyl ester	20609-55-6			
<i>T</i> /°C	0.0	50.0	100.0	68S1		
<i>v</i> /(mm ² /s)	233.88	31.74	9.30			
379	C₁₆H₃₂O₆Si₂	<i>cis</i>-but-2-enedioic acid ethyl ester 3-[2-(3-hydroxy-propyl)-1,1,2,2-tetramethyl-disiloxanyl]-propyl ester	105149-68-6			
<i>T</i> /°C	20.0			85G1		
<i>η</i> /(mPa s)	377.					
380	C₁₆H₃₃NO₂Si	3-[bis-(hexyloxy)-methyl-silyl]-propanenitrile	85617-96-5			
<i>T</i> /°C	20.0			83L1		
<i>η</i> /(mPa s)	5.02					

381	C₁₆H₃₃NO₂Si₃	N-ethyl-N-[(heptamethyl-trisiloxan-3-yl)-methyl]-aniline				18416-17-6
<i>T</i> /°C	20.0					59G1
<i>v</i> /(mm ² /s)	5.31					
382	C₁₆H₃₄O₅Si₂	1,3-bis-(4-acetoxy-butyl)-1,1,3,3-tetramethyl-disiloxane				18408-47-4
<i>T</i> /°C	0.0	20.0	60.0			55S4
<i>η</i> /(mPa s)	12.84	6.51	2.60			
383	C₁₆H₃₄O₅Si₂	1,1,3,3-tetramethyl-1,3-bis-(3-oxiranylmethoxy-propyl)-disiloxane				126-80-7
<i>T</i> /°C	25.0					59P2
<i>v</i> /(mm ² /s)	10.8					
384	C₁₆H₃₄O₅Si₂	3-[1,1,2,2-tetramethyl-2-(2-propoxycarbonyl-ethyl)-disiloxanyl]-propionic acid propyl ester				20609-53-4
<i>T</i> /°C	-60.0	-50.0	0.0	50.0	100.0	68S1
<i>v</i> /(mm ² /s)	517.12	195.67	12.99	4.81	2.56	
385	C₁₆H₃₆O₃Si	decyl-triethoxy-silane				2943-73-9
<i>T</i> /°C	25.0	40.0				62S1
<i>η</i> /(mPa s)	2.198	1.852				
386	C₁₆H₃₆O₃Si	tris-(isopentyloxy)-methyl-silane				18408-21-4
<i>T</i> /°C	20.0	90.0				55A1
<i>v</i> /(mm ² /s)	2.90	1.55				
387	C₁₆H₃₆O₄Si	silicic acid tetrabutyl ester				4766-57-8
<i>T</i> /°C	0.0					74D1
<i>η</i> /(mPa s)	3.109					
<i>η</i> /(mPa s) = 3.109 - (<i>T</i> /°C)/[15.0 + 0.2401(<i>T</i> /°C)] for 0 ≤ (<i>T</i> /°C) ≤ 90						74D1
<i>T</i> /°C	20.0	30.0	40.0	50.0		53T1
<i>η</i> /(mPa s)	2.055	1.717	1.456	1.264		
<i>T</i> /°C	20.0					52K1
<i>η</i> /(mPa s)	1.987					
<i>T</i> /°C	30.0	80.0				89A1
<i>v</i> /(mm ² /s)	2.30	1.34				

$T/^\circ\text{C}$	-35.0	25.0	85.0	58K1
$\nu/(\text{mm}^2/\text{s})$	9.5	2.20	1.16	
$T/^\circ\text{C}$	-40.0	37.8	98.9	53M1
$\nu/(\text{mm}^2/\text{s})$	12.4	1.85	1.04	
388	$\text{C}_{16}\text{H}_{36}\text{O}_4\text{Si}$	silicic acid tetrakis-(1-methyl-propyl) ester		5089-76-9
$T/^\circ\text{C}$	0.0			74D1
$\eta/(\text{mPa s})$	3.475			
$\eta/(\text{mPa s}) = 3.475 - (T/^\circ\text{C})/[13.5 + 0.2126(T/^\circ\text{C})]$ for $0 \leq (T/^\circ\text{C}) \leq 90$				74D1
$T/^\circ\text{C}$	30.0	80.0		89A1
$\nu/(\text{mm}^2/\text{s})$	2.48	1.38		
$T/^\circ\text{C}$	-40.0	37.8	98.9	53M1
$\nu/(\text{mm}^2/\text{s})$	18.1	2.14	1.10	
389	$\text{C}_{16}\text{H}_{36}\text{O}_4\text{Si}$	silicic acid tetrakis-(2-methyl-propyl) ester		681-98-1
$T/^\circ\text{C}$	0.0			74D1
$\eta/(\text{mPa s})$	3.713			
$\eta/(\text{mPa s}) = 3.713 - (T/^\circ\text{C})/[11.5 + 0.1944(T/^\circ\text{C})]$ for $0 \leq (T/^\circ\text{C}) \leq 90$				74D1
$T/^\circ\text{C}$	30.0	80.0		89A1
$\nu/(\text{mm}^2/\text{s})$	2.36	1.41		
$T/^\circ\text{C}$	40.0	100.0		87A1
$\nu/(\text{mm}^2/\text{s})$	2.18	1.03		
$T/^\circ\text{C}$	-40.0	37.8	98.9	53M1
$\nu/(\text{mm}^2/\text{s})$	19.2	2.20	1.10	
390	$\text{C}_{16}\text{H}_{36}\text{O}_4\text{Si}$	silicic acid tris-(<i>sec</i>-butyl) ester <i>tert</i>-butyl ester		18408-29-2
$T/^\circ\text{C}$	-53.0	99.0		54C1
$\eta/(\text{mPa s})$	41.89	0.910		
391	$\text{C}_{16}\text{H}_{36}\text{O}_6\text{Si}_3$	1,11-diacetoxy-4,4,6,6,8,8-hexamethyl-5,7-dioxa-4,6,8-trisila-undecane		18415-72-0
$T/^\circ\text{C}$	0.0	20.0	60.0	55S4
$\eta/(\text{mPa s})$	11.03	6.00	2.57	
392	$\text{C}_{16}\text{H}_{36}\text{O}_6\text{Si}_3$	4,4,6,6,8,8-hexamethyl-5,7-dioxa-4,6,8-trisila-		

			undecanedioic acid diethyl ester		18415-71-9
$T/^\circ\text{C}$	0.0	20.0	60.0		55S4
$\eta/(\text{mPa}\cdot\text{s})$	8.58	5.09	2.36		
$T/^\circ\text{C}$	-50.0	0.0	25.0	75.0	53S3
$\nu/(\text{mm}^2/\text{s})$	82.9	8.89	4.77	2.11	
393	$\text{C}_{16}\text{H}_{36}\text{O}_8\text{Si}$		silicic acid tetrakis-(2-ethoxy-ethyl) ester		18407-94-8
$T/^\circ\text{C}$	20.0	25.0			48A1
$\eta/(\text{mPa}\cdot\text{s})$	8.32	3.34			
394	$\text{C}_{16}\text{H}_{36}\text{Si}$		decyl-triethyl-silane		18408-00-9
$T/^\circ\text{C}$	0.0	20.0	60.0		46W1
$\eta/(\text{mPa}\cdot\text{s})$	6.541	3.705	1.648		
395	$\text{C}_{16}\text{H}_{38}\text{OSi}_2$		1,3-dihexyl-1,1,3,3-tetramethyl-disiloxane		18546-93-5
$T/^\circ\text{C}$	20.0				80L1
$\eta/(\text{mPa}\cdot\text{s})$	2.44				
396	$\text{C}_{16}\text{H}_{38}\text{O}_5\text{Si}_2$		1,13-diethoxy-6,6,8,8-tetramethyl-3,7,11-trioxa-6,8-disila-tridecane		56D1
$T/^\circ\text{C}$	25.0				56D1
$\nu/(\text{mm}^2/\text{s})$	68.2				
397	$\text{C}_{16}\text{H}_{39}\text{NSi}_2$		1,3-dihexyl-1,1,3,3-tetramethyl-disilazane		25942-79-4
$T/^\circ\text{C}$	20.0				80L1
$\eta/(\text{mPa}\cdot\text{s})$	3.29				
398	$\text{C}_{16}\text{H}_{40}\text{O}_2\text{Si}_3$		octaethyl-trisiloxane		18536-53-3
$T/^\circ\text{C}$	30.0				60G2
$\eta/(\text{mPa}\cdot\text{s})$	4.367				
$T/^\circ\text{C}$	20.0	25.0	38.0		58A1
$\nu/(\text{mm}^2/\text{s})$	5.15	4.80	4.17		
399	$\text{C}_{16}\text{H}_{40}\text{O}_4\text{Si}_4$		octaethyl-cyclotetrasiloxane		1451-99-6
$T/^\circ\text{C}$	30.0				60G2
$\eta/(\text{mPa}\cdot\text{s})$	9.435				

$T/^\circ\text{C}$	25.0			46D1
$\eta/(\text{mPa s})$	12.30			
$T/^\circ\text{C}$	25.0			48Y1
$\nu/(\text{mm}^2/\text{s})$	11.2			
400	$\text{C}_{16}\text{H}_{40}\text{O}_{10}\text{Si}_3$		trisilicic acid octaethyl ester	4521-94-2
$T/^\circ\text{C}$	20.0	50.0		53T1
$\eta/(\text{mPa s})$	3.190	2.039		
401	$\text{C}_{16}\text{H}_{40}\text{O}_{12}\text{Si}_4$		cyclotetrasilicic acid octaethyl ester	17995-36-7
$T/^\circ\text{C}$	20.0	50.0		53T1
$\eta/(\text{mPa s})$	6.343	3.709		
402	$\text{C}_{16}\text{H}_{42}\text{O}_9\text{Si}_4$		1,1,3,5,7,7-hexaethoxy-1,3,5,7-tetramethyl-tetrasiloxane	18603-21-9
$T/^\circ\text{C}$	25.0			49F2
$\nu/(\text{mm}^2/\text{s})$	2.77			
403	$\text{C}_{16}\text{H}_{44}\text{Si}_5$		2,2,4,4,6,6,8,8,10,10-decamethyl-2,4,6,8,10-pentasila-undecane	18547-11-0
$T/^\circ\text{C}$	0.0	20.0	60.0	49S2
$\eta/(\text{mPa s})$	11.87	6.514	2.737	
404	$\text{C}_{16}\text{H}_{46}\text{O}_3\text{Si}_6$		2,2,4,4,6,6,8,8,10,10,12,12-dodecamethyl-5,7,9-trioxa-2,4,6,8,10,12-hexasila-tridecane	18143-16-3
$T/^\circ\text{C}$	20.0	40.0	60.0	56H1
$\eta/(\text{mPa s})$	3.809	2.590	1.827	
405	$\text{C}_{16}\text{H}_{46}\text{O}_7\text{Si}_6$		1,11-diethoxy-dodecamethyl-hexasiloxane	18143-15-2
$T/^\circ\text{C}$	25.0			49F1
$\nu/(\text{mm}^2/\text{s})$	2.75			
406	$\text{C}_{16}\text{H}_{48}\text{O}_6\text{Si}_7$		hexadecamethyl-heptasiloxane	541-01-5
$T/^\circ\text{C}$	37.8	99.0		46W2
$\eta/(\text{mPa s})$	2.58	1.15		
$T/^\circ\text{C}$	20.0	40.0	70.0	58W1

ν /(mm ² /s)	3.514	2.598	1.766	
T /°C	25.0			46H2
ν /(mm ² /s)	3.24			
407	C₁₆H₄₈O₈Si₇		1,13-dimethoxy-tetradecamethyl-heptasiloxane	18143-18-5
T /°C	25.0			57L1
ν /(mm ² /s)	3.60			
408	C₁₆H₄₈O₈Si₈		hexadecamethyl-cyclooctasiloxane	556-68-3
T /°C	37.8	99.0		46W2
η /(mPa s)	10.7	3.25		
T /°C	25.0	145.0		46H1
ν /(mm ² /s)	13.23	1.70		
409	C₁₇H₂₄Si₂	Si, Si, Si', Si'-tetramethyl-Si, Si'-diphenyl-Si, Si'-methanediyl-bis-silane		1027-86-7
T /°C	25.0			49D1
ν /(mm ² /s)	6.06			
410	C₁₇H₂₄Si₂	Si, Si, Si, Si'-tetramethyl-Si', Si'-diphenyl-Si, Si'-methanediyl-bis-silane		18057-47-1
T /°C	25.0			49D1
ν /(mm ² /s)	8.22			
411	C₁₇H₃₀O₃Si₂	1,1,3,3,3-pentamethyl-1-[3-(2-oxiranylmethoxy-phenyl)-propyl]-disiloxane		18673-37-5
T /°C	25.0			59P2
ν /(mm ² /s)	17.0			
412	C₁₇H₃₆Si	1,1-dihexyl-silane		18547-74-5
T /°C	-53.9	-17.8	37.8	98.9
ν /(mm ² /s)	553.0	32.7	4.31	1.50
413	C₁₇H₃₈Si	tetradecyl-trimethyl-silane		18558-18-4
T /°C	20.0	60.0		46W1
η /(mPa s)	5.106	2.083		

414	C₁₈H₁₂F₃₀O₇Si₂	disilicic acid hexakis-(2,2,3,3,3-pentafluoro-propyl ester)	429-20-9
<i>T</i> /°C	-35.0 25.0	85.0	58K1
<i>v</i> /(mm ² /s)	200. 9.46	3.05	
415	C₁₈H₁₅ClSi	triphenyl-chloro-silane	76-86-8
<i>T</i> /°C	100.0		91F1
<i>η</i> /(mPa s)	2.27		
416	C₁₈H₁₈F₂₄O₃Si₂	1,3-bis[(2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptyl)oxy]-1,1,3,3-tetramethyl-disiloxane	67900-56-5
<i>T</i> /°C	20.0		78L2
<i>η</i> /(mPa s)	13.26		
417	C₁₈H₁₈F₂₄O₇Si₂	disilicic acid hexakis-(2,2,3,3-tetrafluoro-propyl ester)	381-01-1
<i>T</i> /°C	-35.0 25.0	85.0	58K1
<i>v</i> /(mm ² /s)	355. 18.0	5.05	
418	C₁₈H₂₀Si	diallyl-diphenyl-silane	10519-88-7
<i>T</i> /°C	20.0		88Z1
<i>η</i> /(mPa s)	12.70		
419	C₁₈H₂₄O₂Si	diphenyl-dipropoxy-silane	18056-94-5
<i>T</i> /K	293.15		82L1
<i>η</i> /(mPa s)	11.6		
ln (<i>η</i> /(mPa s)) = 610.3/(<i>T</i> /K-171.2) - 2.55486			82L1
420	C₁₈H₂₄O₄Si	silicic acid diethyl ester bis-(2-methyl-phenyl) ester	18056-91-2
<i>T</i> /°C	-35.0 25.0	37.8	48P1
<i>v</i> /(mm ² /s)	53.11 4.60	3.48	
421	C₁₈H₂₈O₂Si₃	1,1,1,5,5,5-hexamethyl-3,3-diphenyl-trisiloxane	797-77-3
<i>T</i> /°C	25.0 50.0	75.0	46H3
<i>η</i> /(mPa s)	7.120 3.895	2.363	
422	C₁₈H₂₈O₂Si₃	1,1,3,3,5,5-hexamethyl-1,5-diphenyl-trisiloxane	17977-72-9

$T/^\circ\text{C}$	25.0			52D1
$\nu/(\text{mm}^2/\text{s})$	3.9			
423	$\text{C}_{18}\text{H}_{28}\text{O}_4\text{Si}_4$	2,2,4,4,6,8-hexamethyl-6,8-diphenyl-cyclotetrasiloxane		18604-02-9
$T/^\circ\text{C}$	20.0			72K2
$\nu/(\text{mm}^2/\text{s})$	16.6			
$T/^\circ\text{C}$	20.0			60A1
$\nu/(\text{mm}^2/\text{s})$	16.47			
424	$\text{C}_{18}\text{H}_{28}\text{O}_4\text{Si}_4$	<i>cis</i>-2,2,4,4,6,8-hexamethyl-6,8-diphenyl-cyclotetrasiloxane		33204-75-0
$T/^\circ\text{C}$	20.0			72K2
$\nu/(\text{mm}^2/\text{s})$	16.0			
425	$\text{C}_{18}\text{H}_{28}\text{O}_4\text{Si}_4$	<i>trans</i>-2,2,4,4,6,8-hexamethyl-6,8-diphenyl-cyclotetrasiloxane		35964-61-5
$T/^\circ\text{C}$	20.0			72K2
$\nu/(\text{mm}^2/\text{s})$	17.4			
426	$\text{C}_{18}\text{H}_{28}\text{O}_4\text{Si}_4$	2,2,4,4,6,6-hexamethyl-8,8-diphenyl-cyclotetrasiloxane		1693-44-3
$T/^\circ\text{C}$	20.0			60A1
$\nu/(\text{mm}^2/\text{s})$	21.08			
427	$\text{C}_{18}\text{H}_{30}\text{O}_9\text{Si}_2$	<i>cis</i>-but-2-enedioic acid mono-(3-(2-(3-(3-carboxy-acryloyloxy)-propyl)-1,1,2,2-tetramethyl-disiloxanyl)-propyl) ester		
$T/^\circ\text{C}$	20.0			85G1
$\eta/(\text{mPa s})$	678.			
428	$\text{C}_{18}\text{H}_{32}\text{O}_3\text{Si}$	phenyl-tributoxy-silane		10581-02-9
T/K	293.15			82L1
$\eta/(\text{mPa s})$	3.72			
$\ln(\eta/(\text{mPa s})) = 789.5/(T/\text{K} - 112.3) - 3.05437$				82L1
429	$\text{C}_{18}\text{H}_{36}\text{N}_4\text{O}_{14}\text{Si}_3$	4,4,6,6,8,8-hexamethyl-5,7-dioxo-4,6,8-trisilaundecanedioic acid bis-(2,2-dinitropropyl) ester		20609-57-8
$T/^\circ\text{C}$	0.0	50.0	100.0	68S1
$\nu/(\text{mm}^2/\text{s})$	542.33	59.63	8.01	

430	C₁₈H₃₆O₆Si₂	<i>cis</i>-but-2-enedioic acid 3-[2-(3-hydroxy-propyl)-1,1,2,2-tetramethyl-disiloxanyl]-propyl ester isobutyl ester		105149-69-7
<i>T</i> /°C	20.0			85G1
<i>η</i> /(mPa s)	254.			
431	C₁₈H₃₆O₆Si₃	4,4,6,6,8,8-hexamethyl-5,7-dioxa-4,6,8-trisilaundecanedioic acid diallyl ester		20609-51-2
<i>T</i> /°C	0.0	50.0	100.0	68S1
<i>v</i> /(mm ² /s)	19.68	6.09	3.21	
432	C₁₈H₃₆O₆Si₆	2,4,6,8,10,12-hexamethyl-2,4,6,8,10,12-hexavinyl-cyclohexasiloxane		18304-82-0
<i>T</i> /°C	20.0			91F1
<i>η</i> /(mPa s)	16.1			
433	C₁₈H₄₀O₂Si	dimethyl-bis-(1-methyl-heptyloxy)-silane		18536-87-3
<i>T</i> /°C	20.0			55A1
<i>v</i> /(mm ² /s)	4.27			
434	C₁₈H₄₀O₃Si	dodecyl-triethoxy-silane		
<i>T</i> /°C	25.0	40.0		62S1
<i>η</i> /(mPa s)	3.052	2.272		
435	C₁₈H₄₀O₄Si	silicic acid bis-(<i>tert</i>-butyl) ester bis-(1-methyl-butyl ester)		18536-95-3
<i>T</i> /°C	-53.9	37.8	99.0	59P1
<i>v</i> /(mm ² /s)	353.7	3.360	1.201	
436	C₁₈H₄₀O₆Si₃	1,13-diacetoxy-5,5,7,7,9,9-hexamethyl-6,8-dioxa-5,7,9-trisila-tridecane		18623-15-9
<i>T</i> /°C	0.0	20.0	60.0	55S4
<i>η</i> /(mPa s)	13.11	6.78	2.82	
437	C₁₈H₄₀O₆Si₃	1,5-bis-[3-(2,3-epoxy-propoxy)-propyl]-1,1,3,3,5,5-hexamethyl-trisiloxane		18623-16-0
<i>T</i> /°C	25.0			59P2
<i>v</i> /(mm ² /s)	11.0			

438	C₁₈H₄₀Si	dodecyl-triethyl-silane				18623-19-3
<i>T</i> /°C	-17.8	37.8	98.9			61B1
<i>v</i> /(mm ² /s)	24.2	4.16	1.58			
439	C₁₈H₄₂OSi₂	1,3-diheptyl-1,1,3,3-tetramethyl-disiloxane				18544-27-9
<i>T</i> /°C	20.0					80L1
<i>η</i> /(mPa s)	3.27					
$\lg(\eta/(mPa\ s)) = 812.2/(T/K) - 2.2451$ for $283 \leq T/K \leq 343$						78D1
440	C₁₈H₄₂OSi₂	1,1,1,3,3,3-hexapropyl-disiloxane				17841-51-9
<i>T</i> /°C	-40.0	-20.0	0.0	50.0	100.0	54T1
<i>v</i> /(mm ² /s)	74.4	26.4	10.0	2.81	1.37	
441	C₁₈H₄₂O₇Si₂	disilicic acid hexapropyl ester				6544-00-9
<i>T</i> /°C	25.0					58K1
<i>v</i> /(mm ² /s)	2.51					
442	C₁₈H₄₂O₇Si₄	1,13-diacetoxy-4,4,6,6,8,8,10,10-octamethyl-5,7,9-trioxa-4,6,8,10-tetrasilatridecane				18544-41-7
<i>T</i> /°C	0.0	20.0	60.0			55S4
<i>η</i> /(mPa s)	11.64	6.57	2.87			
443	C₁₈H₄₂O₇Si₄	4,4,6,6,8,8,10,10-octamethyl-5,7,9-trioxa-4,6,8,10-tetrasilatridecanedioic acid diethyl ester				18544-40-6
<i>T</i> /°C	0.0	20.0	60.0			55S4
<i>η</i> /(mPa s)	9.05	5.42	2.56			
<i>T</i> /°C	-50.0	0.0	25.0	75.0		53S3
<i>v</i> /(mm ² /s)	84.2	9.24	4.94	2.18		
444	C₁₈H₄₂O₁₀Si₅	3,5,7-tris-(acetoxymethyl)-1,1,1,3,5,7,9,9,9-nonamethyl-pentasiloxane				18557-95-4
<i>T</i> /°C	25.0					59A2
<i>v</i> /(mm ² /s)	8.0					
445	C₁₈H₄₃NSi₂	1,3-diheptyl-1,1,3,3-tetramethyl-disilazane				69519-50-2

$T/^\circ\text{C}$	20.0			80L1
$\eta/(\text{mPa}\cdot\text{s})$	4.20			
446	$\text{C}_{18}\text{H}_{46}\text{O}_3\text{Si}_4$		1,1,1,3,5,7,7,7-octamethyl-3,5-dineopentyl-tetrasiloxane	
$T/^\circ\text{C}$	0.0	25.0	100.0	55S1
$\nu/(\text{mm}^2/\text{s})$	15.5	6.74	1.67	
447	$\text{C}_{18}\text{H}_{48}\text{N}_2\text{O}_3\text{Si}_4$		3,5-bis-(diethylaminomethyl)-1,1,1,3,5,7,7,7-octamethyl-tetrasiloxane	18550-08-8
$T/^\circ\text{C}$	20.0			59G1
$\nu/(\text{mm}^2/\text{s})$	8.40			
448	$\text{C}_{18}\text{H}_{50}\text{O}_3\text{Si}_6$		6,8-diethyl-2,2,4,4,6,8,10,10,12,12-decamethyl-5,7,9-trioxa-2,4,6,8,10,12-hexasila-tridecane	18537-45-6
$T/^\circ\text{C}$	20.0	40.0	60.0	56H1
$\eta/(\text{mPa}\cdot\text{s})$	5.272	3.507	2.453	
449	$\text{C}_{18}\text{H}_{50}\text{O}_9\text{Si}_6$		3,5,7,9-tetrakis-methoxymethyl-1,1,1,3,5,7,9,11,11,11-decamethyl-hexasiloxane	18603-10-6
$T/^\circ\text{C}$	20.0			59A2
$\nu/(\text{mm}^2/\text{s})$	14.5			
450	$\text{C}_{18}\text{H}_{52}\text{O}_4\text{Si}_7$		2,2,4,4,6,6,8,8,10,10,12,12,14,14-tetradecamethyl-5,7,9,11-tetraoxa-2,4,6,8,10,12,14-heptasila-pentadecane	18537-41-2
$T/^\circ\text{C}$	20.0	40.0	60.0	56H1
$\eta/(\text{mPa}\cdot\text{s})$	4.824	3.290	2.241	
451	$\text{C}_{18}\text{H}_{52}\text{O}_8\text{Si}_7$		1,13-diethoxy-1,1,3,3,5,5,7,7,9,9,11,11,13,13-tetradecamethyl-heptasiloxane	18537-40-1
$T/^\circ\text{C}$	25.0			49F1
$\nu/(\text{mm}^2/\text{s})$	3.28			
452	$\text{C}_{18}\text{H}_{54}\text{O}_7\text{Si}_8$		octadecamethyl-octasiloxane	556-69-4
$T/^\circ\text{C}$	37.8	99.0		46W2
$\eta/(\text{mPa}\cdot\text{s})$	2.87	1.26		
$T/^\circ\text{C}$	20.0	40.0	70.0	58W1

ν /(mm ² /s)	4.226	3.108	2.088					
T /°C	25.0							46H2
ν /(mm ² /s)	3.88							
453	C₁₈H₅₄O₉Si₈			1,15-dimethoxy-1,1,3,3,5,5,7,7,9,9,11,11,13,13,15,15-hexadecamethyl-octasiloxane				
T /°C	25.0							57L1
ν /(mm ² /s)	4.53							
454	C₁₉H₃₀O₄Si			methyl-bis-(3-oxiranylmethoxy-propyl)-phenyl-silane				18677-17-3
T /°C	25.0							59P2
ν /(mm ² /s)	35.0							
455	C₁₉H₄₀Si			1,1-diheptyl-silinanane				18678-66-5
T /°C	-53.9	-40.0	-17.8	37.8	98.9	204.4		61B1
ν /(mm ² /s)	1081.0	278.4	54.4	5.70	1.80	0.72		
456	C₁₉H₄₂O₃Si			ethyl-bis-(2-ethyl-butoxy)-<i>tert</i>-pentyloxy-silane				94381-74-5
T /°C	-53.9	37.8	99.0					59P1
ν /(mm ² /s)	117.	3.111	1.280					
457	C₁₉H₄₄Si₂			bis-(tripropylsilyl)-methane				18677-05-9
T /°C	-40.0	-20.0	0.0	50.0	100.0			54T1
ν /(mm ² /s)	80.7	18.5	9.36	2.56	1.28			
458	C₁₉H₅₀O₁₁Si₅			1,1,3,5,7,9,9-heptaethoxy-1,3,5,7,9-pentamethyl-pentasiloxane				18676-53-4
T /°C	25.0							49F2
ν /(mm ² /s)	3.48							
459	C₂₀H₁₂F₃₂O₄Si			silicic acid tetrakis-(1H,1H,5H-octafluoro-pentyl) ester				429-39-0
T /°C	-35.0	25.0	85.0					58K1
ν /(mm ² /s)	1300.	21.0	3.94					
460	C₂₀H₂₀O₄Si			silicic acid ethyl ester triphenyl ester				13320-39-3

$T/^\circ\text{C}$	20.8	28.5	35.0	50.0	70.0	53R1
$\eta/(\text{mPa}\cdot\text{s})$	9.42	7.38	6.15	4.25	2.73	
461	$\text{C}_{20}\text{H}_{24}\text{F}_{24}\text{O}_4\text{Si}_3$	1,5-bis[(2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptyl)oxy]-1,1,3,3,5,5-hexamethyl-trisiloxane			67900-57-6	
$T/^\circ\text{C}$	20.0					78L2
$\eta/(\text{mPa}\cdot\text{s})$	12.15					
462	$\text{C}_{20}\text{H}_{28}\text{O}_2\text{Si}$	dibutoxy-diphenyl-silane			13320-38-2	
T/K	293.15					82L1
$\eta/(\text{mPa}\cdot\text{s})$	12.4					
$\ln(\eta/(\text{mPa}\cdot\text{s})) = 589.9/(T/\text{K}-171.7) - 2.34784$						82L1
463	$\text{C}_{20}\text{H}_{28}\text{O}_4\text{Si}$	silicic acid diisopropyl ester bis-(2-methyl-phenyl) ester			18586-29-3	
$T/^\circ\text{C}$	-35.0	25.0	37.8			48P1
$\nu/(\text{mm}^2/\text{s})$	123.5	6.20	4.43			
464	$\text{C}_{20}\text{H}_{34}\text{O}_5\text{Si}_5$	2,2,4,4,6,6,8,10-octamethyl-8,10-diphenyl-cyclopentasiloxane			40305-01-9	
$T/^\circ\text{C}$	20.0					72K2
$\nu/(\text{mm}^2/\text{s})$	16.1					
465	$\text{C}_{20}\text{H}_{38}\text{O}_3\text{Si}_2$	1,3-bis-[2-(3,4-epoxy-cyclohexyl)-ethyl]-1,1,3,3-tetramethyl-disiloxane			18724-32-8	
$T/^\circ\text{C}$	25.0					59P2
$\nu/(\text{mm}^2/\text{s})$	42.0					
466	$\text{C}_{20}\text{H}_{41}\text{NO}_2\text{Si}$	3-[methyl-bis-(octyloxy)-silyl]-propanenitrile			85617-98-7	
$T/^\circ\text{C}$	20.0					83L1
$\eta/(\text{mPa}\cdot\text{s})$	8.49					
467	$\text{C}_{20}\text{H}_{42}\text{O}_7\text{Si}_4$	4,4,6,6,8,8,10,10-octamethyl-5,7,9-trioxa-4,6,8,10-tetrasilatridecanedioic acid diallyl ester			20609-52-3	
$T/^\circ\text{C}$	0.0	50.0	100.0			68S1
$\nu/(\text{mm}^2/\text{s})$	22.28	6.80	3.49			
468	$\text{C}_{20}\text{H}_{44}\text{Cl}_2\text{F}_6\text{O}_6\text{Si}_5$	1,1,1,3,5,5,7,9,9,9-decamethyl-3,7-bis[3-(2-chloro-1,1,2-				

			trifluoroethoxy)propyl]-pentasiloxane	665-65-6
$T/^\circ\text{C}$	20.0	38.0	98.0	60R1
$\nu/(\text{mm}^2/\text{s})$	13.70	7.58	2.65	
469	$\text{C}_{20}\text{H}_{44}\text{Cl}_2\text{O}_5\text{Si}_6$		3-ethyl-3-(2,4-dichloro-phenyl)-1,1,1,5,5,7,7,9,9,11,11,11-dodecamethyl-hexasiloxane	113253-24-0
$T/^\circ\text{C}$	20.0			57A1
$\eta/(\text{mPa s})$	26.1			
470	$\text{C}_{20}\text{H}_{44}\text{F}_8\text{O}_6\text{Si}_5$		1,1,1,3,5,5,7,9,9,9-decamethyl-3,7-bis[3-(1,1,2,2-tetrafluoroethoxy)propyl]-pentasiloxane	757-59-5
$T/^\circ\text{C}$	20.0	38.0	98.0	60R1
$\nu/(\text{mm}^2/\text{s})$	12.60	7.08	2.40	
471	$\text{C}_{20}\text{H}_{44}\text{O}_3\text{Si}$		ethyl-tris-(2-ethyl-butoxy)-silane	
$T/^\circ\text{C}$	37.8	99.0		59P1
$\nu/(\text{mm}^2/\text{s})$	2.927	1.246		
472	$\text{C}_{20}\text{H}_{44}\text{O}_4\text{Si}$		silicic acid 2-ethyl-hexyl ester tris-(<i>tert</i>-butyl) ester	18642-77-8
$T/^\circ\text{C}$	-53.9	37.8	99.0	59P1
$\nu/(\text{mm}^2/\text{s})$	1981.	5.456	1.705	
473	$\text{C}_{20}\text{H}_{44}\text{O}_4\text{Si}$		silicic acid tetrakis-(1-ethyl-propyl) ester	18642-75-6
$T/^\circ\text{C}$	-40.0	37.8	98.9	53M1
$\nu/(\text{mm}^2/\text{s})$	85.0	3.83	1.55	
474	$\text{C}_{20}\text{H}_{44}\text{O}_4\text{Si}$		silicic acid tetrakis-(1-methyl-butyl) ester	16973-46-9
$T/^\circ\text{C}$	30.0	80.0		89A1
$\nu/(\text{mm}^2/\text{s})$	3.18	1.58		
$T/^\circ\text{C}$	-53.9	37.8	99.0	59P1
$\nu/(\text{mm}^2/\text{s})$	121.1	2.592	1.102	
475	$\text{C}_{20}\text{H}_{44}\text{O}_4\text{Si}$		silicic acid tetrakis-(2-methyl-butyl) ester	
$T/^\circ\text{C}$	-40.0	37.8	98.9	53M1
$\nu/(\text{mm}^2/\text{s})$	35.7	2.80	1.33	

476	C₂₀H₄₄O₄Si	silicic acid tetrakis-(3-methyl-butyl) ester			4607-64-1
<i>T</i> /°C	20.0	30.0	40.0	50.0	53T1
<i>η</i> /(mPa s)	3.309	2.661	2.197	1.870	
<i>T</i> /°C	30.0	80.0			89A1
<i>v</i> /(mm ² /s)	3.10	1.72			
<i>T</i> /°C	40.0	100.0			87A1
<i>v</i> /(mm ² /s)	2.81	1.20			
<i>T</i> /°C	-40.0	37.8	98.9		53M1
<i>v</i> /(mm ² /s)	34.0	2.81	1.21		
477	C₂₀H₄₄O₄Si	silicic acid tetrapentyl ester			6382-12-3
<i>T</i> /°C	0.0				74D1
<i>η</i> /(mPa s)	5.033				
<i>η</i> /(mPa s) = 5.033 - (<i>T</i> /°C)/[7.7 + 0.1495(<i>T</i> /°C)] for 0 ≤ (<i>T</i> /°C) ≤ 90					74D1
<i>T</i> /°C	30.0	80.0			89A1
<i>v</i> /(mm ² /s)	2.92	1.76			
<i>T</i> /°C	-35.0	25.0	85.0		58K1
<i>v</i> /(mm ² /s)	23.0	3.3	1.38		
<i>T</i> /°C	-40.0	26.8	37.8	98.9	53M1
<i>v</i> /(mm ² /s)	26.2	3.20	2.66	1.28	
478	C₂₀H₄₆O_{Si}₂	1,1,3,3-tetramethyl-1,3-dioctyl-disiloxane			18642-94-9
<i>T</i> /°C	20.0				80L1
<i>η</i> /(mPa s)	4.37				
479	C₂₀H₄₆O₇Si₄	1,15-diacetoxy-5,5,7,7,9,9,11,11-octamethyl-6,8,10-trioxa-5,7,9,11-tetrasiloxane			18643-00-0
<i>T</i> /°C	0.0	20.0	60.0		55S4
<i>η</i> /(mPa s)	13.58	7.27	3.14		
480	C₂₀H₄₆O₇Si₄	1,7-bis-[3-(2,3-epoxy-propoxy)-propyl]-1,1,3,3,5,5,7,7-octamethyl-tetrasiloxane			18642-99-4
<i>T</i> /°C	25.0				59P2
<i>v</i> /(mm ² /s)	11.0				

481	C₂₀H₄₆Si₂	1-[dipropyl-(2-tripropylsilanyl-ethyl)-silanyl]-propane				18643-01-1
<i>T</i> /°C	−40.0	−20.0	0.0	50.0	100.0	54T1
<i>v</i> /(mm ² /s)	133.8	32.8	13.2	3.26	1.58	
482	C₂₀H₄₇NSi₂	1,1,3,3-tetramethyl-1,3-dioctyl-disilazane				69519-51-3
<i>T</i> /°C	20.0					84L1
<i>η</i> /(mPa s)	5.78					
<i>T</i> /°C	20.0					80L1
<i>η</i> /(mPa s)	5.81					
483	C₂₀H₄₈O₈Si₅	1,15-diacetoxy-4,4,6,6,8,8,10,10,12,12-decamethyl-5,7,9,11-tetraoxa-4,6,8,10,12-pentasila-pentadecane				18727-61-2
<i>T</i> /°C	0.0	20.0	60.0			55S4
<i>η</i> /(mPa s)	13.56	7.78	3.42			
484	C₂₀H₄₈O₈Si₅	4,4,6,6,8,8,10,10,12,12-decamethyl-5,7,9,11-tetraoxa-4,6,8,10,12-pentasila-pentadecanedioic acid diethyl ester				18727-60-1
<i>T</i> /°C	0.0	20.0	60.0			55S4
<i>η</i> /(mPa s)	10.21	6.06	2.83			
<i>T</i> /°C	−50.0	0.0	25.0	75.0		53S3
<i>v</i> /(mm ² /s)	90.6	11.10	6.21	2.70		
485	C₂₀H₅₀O₃Si₄	decaethyl-tetrasiloxane				2031-77-8
<i>T</i> /°C	30.0					60G2
<i>η</i> /(mPa s)	8.291					
<i>T</i> /°C	20.0	25.0	38.0			58A1
<i>v</i> /(mm ² /s)	10.34	9.20	7.98			
486	C₂₀H₅₀O₅Si₅	decaethyl-cyclopentasiloxane				18766-20-6
<i>T</i> /°C	25.0					46D1
<i>η</i> /(mPa s)	33.6					
487	C₂₀H₅₈O₉Si₈	1,15-diethoxy-1,1,3,3,5,5,7,7,9,9,11,11,13,13,15,15-hexadecamethyl-octasiloxane				18724-14-6

$T/^\circ\text{C}$	25.0							49F1
$\nu/(\text{mm}^2/\text{s})$	3.86							
488	$\text{C}_{20}\text{H}_{60}\text{O}_8\text{Si}_9$		eicosamethyl-nonasiloxane					2652-13-3
$T/^\circ\text{C}$	37.8	99.0						46W2
$\eta/(\text{mPa}\cdot\text{s})$	3.38	1.47						
$T/^\circ\text{C}$	20.0	40.0	70.0					58W1
$\nu/(\text{mm}^2/\text{s})$	5.061	3.663	2.427					
489	$\text{C}_{20}\text{H}_{60}\text{O}_{10}\text{Si}_9$		1,17-dimethoxy-1,1,3,3,5,5,7,7,9,9,11,11,13,13,15,15,17,17-octadecamethyl-nonasiloxane					
$T/^\circ\text{C}$	25.0							57L1
$\nu/(\text{mm}^2/\text{s})$	5.19							
490	$\text{C}_{21}\text{H}_{24}\text{OSi}_2$		1,1,1-trimethyl-3,3,3-triphenyl-disiloxane					799-53-1
$T/^\circ\text{C}$	25.0							52D1
$\nu/(\text{mm}^2/\text{s})$	46.0		<i>(supercooled liquid)</i>					
491	$\text{C}_{21}\text{H}_{24}\text{OSi}_2$		1,1,3-trimethyl-1,3,3-triphenyl-disiloxane					14920-93-5
$T/^\circ\text{C}$	25.0							52D1
$\nu/(\text{mm}^2/\text{s})$	13.0							
492	$\text{C}_{21}\text{H}_{24}\text{O}_3\text{Si}_3$		<i>trans</i>-2,4,6-trimethyl-2,4,6-triphenylcyclotrisiloxane					6138-53-0
$T/^\circ\text{C}$	50.0							72K2
$\nu/(\text{mm}^2/\text{s})$	15.6							
493	$\text{C}_{21}\text{H}_{44}\text{Si}$		1,1-dioctyl-silinanane					18748-93-1
$T/^\circ\text{C}$	-53.9	-40.0	-17.8	37.8	98.9	204.4		61B1
$\nu/(\text{mm}^2/\text{s})$	1739.5	418.3	82.8	7.26	2.19	0.81		
494	$\text{C}_{21}\text{H}_{46}\text{O}_3\text{Si}$		<i>tert</i>-butoxy-methyl-bis-(octyloxy)-silane					
$T/^\circ\text{C}$	37.8	99.0						59P1
$\nu/(\text{mm}^2/\text{s})$	4.041	1.523						
495	$\text{C}_{21}\text{H}_{46}\text{O}_3\text{Si}$		bis-(2-ethyl-hexyloxy)-<i>tert</i>-butoxy-methyl-silane					18749-00-3

$T/^\circ\text{C}$	-53.9	37.8	99.0		59P1
$\nu/(\text{mm}^2/\text{s})$	411.	3.770	1.410		
496	$\text{C}_{21}\text{H}_{46}\text{Si}$		dodecyl-tripropyl-silane		18753-01-0
$T/^\circ\text{C}$	-40.0	-17.8	37.8	98.9	61B1
$\nu/(\text{mm}^2/\text{s})$	192.2	44.8	5.63	2.33	
497	$\text{C}_{21}\text{H}_{50}\text{O}_3\text{Si}_3$		3,3,9,9-tetraethyl-6-triethylsilanyloxy-4,8-dioxa-3,9-disila-undecane		18737-14-9
$T/^\circ\text{C}$	20.0	40.0	60.0	80.0	53B2
$\nu/(\text{mm}^2/\text{s})$	7.911	4.945	3.559	2.556	
498	$\text{C}_{21}\text{H}_{58}\text{O}_4\text{Si}_7$		6,8,10-triethyl-2,2,4,4,6,8,10,12,12,14,14-undecamethyl-5,7,9,11-tetraoxa-2,4,6,8,10,12,14-heptasila-pentadecane		18740-86-8
$T/^\circ\text{C}$	20.0	40.0	60.0		56H1
$\eta/(\text{mPa s})$	7.000	4.592	3.113		
499	$\text{C}_{22}\text{H}_{12}\text{F}_{36}\text{O}_3\text{Si}$		tris[(2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptyl)oxy]-methyl-silane		67900-55-4
$T/^\circ\text{C}$	20.0				78L2
$\eta/(\text{mPa s})$	69.1				
500	$\text{C}_{22}\text{H}_{24}\text{F}_{24}\text{O}_4\text{Si}$		silicic acid bis-(<i>tert</i>-butyl) ester bis-(1H,1H,7H-dodecafluoro-heptyl) ester		381-08-8
$T/^\circ\text{C}$	-53.9	204.0			59M3
$\nu/(\text{mm}^2/\text{s})$	19200.	0.560			
501	$\text{C}_{22}\text{H}_{24}\text{O}_4\text{Si}$		silicic acid methyl ester tris-(2-methyl-phenyl) ester		18751-60-5
$T/^\circ\text{C}$	-35.0	25.0	37.8		48P1
$\nu/(\text{mm}^2/\text{s})$	343.2	8.10	5.59		
502	$\text{C}_{22}\text{H}_{26}\text{Si}_2$		Si,Si,Si'-trimethyl-Si,Si',Si'-triphenyl-Si,Si'-methanediy-bis-silane		18753-29-2
$T/^\circ\text{C}$	25.0				49D1
$\nu/(\text{mm}^2/\text{s})$	35.6				
503	$\text{C}_{22}\text{H}_{32}\text{Cl}_6\text{O}_3\text{Si}_4$		3,5-diethyl-1,1,1,7,7,7-hexamethyl-3,5-		

		bis-(2,4,6-trichloro-phenyl)-tetrasiloxane	114005-35-5
$T/^\circ\text{C}$	20.0		57A1
$\eta/(\text{mPa}\cdot\text{s})$	420.7		
504	$\text{C}_{22}\text{H}_{34}\text{Cl}_4\text{O}_3\text{Si}_4$	3,5-diethyl-3,5-bis-(2,4-dichloro-phenyl)-1,1,1,7,7,7-hexamethyl-tetrasiloxane	122625-70-1
$T/^\circ\text{C}$	20.0		57A1
$\eta/(\text{mPa}\cdot\text{s})$	29.3		
505	$\text{C}_{22}\text{H}_{36}\text{Cl}_2\text{O}_3\text{Si}_4$	3,5-diethyl-3,5-bis-(4-chloro-phenyl)-1,1,1,7,7,7-hexamethyl-tetrasiloxane	115213-93-9
$T/^\circ\text{C}$	20.0		57A1
$\eta/(\text{mPa}\cdot\text{s})$	32.6		
506	$\text{C}_{22}\text{H}_{38}\text{Cl}_2\text{N}_2\text{O}_3\text{Si}_4$	3,5-bis-(2-chloro-anilinomethyl)-1,1,1,3,5,7,7,7-octamethyl-tetrasiloxane	18783-05-6
$T/^\circ\text{C}$	20.0		59G1
$\nu/(\text{mm}^2/\text{s})$	22.5		
507	$\text{C}_{22}\text{H}_{38}\text{O}_9\text{Si}_2$	<i>cis</i>-but-2-enedioic acid 3-(2-(3-(3-ethoxycarbonyl-acryloyloxy)-propyl)-1,1,2,2-tetramethyl-disiloxanyl)-propyl ester ethyl ester	105149-70-0
$T/^\circ\text{C}$	20.0		85G1
$\eta/(\text{mPa}\cdot\text{s})$	150.		
508	$\text{C}_{22}\text{H}_{40}\text{N}_2\text{O}_3\text{Si}_4$	3,5-bis-(anilinomethyl)-1,1,1,3,5,7,7,7-octamethyl-tetrasiloxane	18816-90-5
$T/^\circ\text{C}$	20.0		59G1
$\nu/(\text{mm}^2/\text{s})$	54.0		
509	$\text{C}_{22}\text{H}_{40}\text{O}_4\text{Si}$	silicic acid tributyl ester 2,6-diethyl-phenyl ester	18752-56-2
$T/^\circ\text{C}$	20.0	50.0	70.0
$\nu/(\text{mm}^2/\text{s})$	6.80	3.50	2.50
510	$\text{C}_{22}\text{H}_{44}\text{O}_6\text{Si}_2$	<i>cis</i>-but-2-enedioic acid 2-ethyl-hexyl ester 3-[2-(3-hydroxy-propyl)-1,1,2,2-tetramethyl-disiloxanyl]-propyl ester	88351-32-0
$T/^\circ\text{C}$	20.0		85G1

η / (mPa s) 99.9

511 **C₂₂H₄₈O₂Si** **diethoxy-bis-(3,5,5-trimethyl-hexyl)-silane** **18782-75-7**

T / °C 25.0 40.0 62S1

η / (mPa s) 9.753 6.813

512 **C₂₂H₄₈O₃Si** **ethyl-bis-(2-ethyl-hexyloxy)-tert-butoxy-silane** **18782-72-4**

T / °C 37.8 99.0 59P1

ν / (mm²/s) 4.338 1.521

513 **C₂₂H₄₈O₃Si** **tris-(2,2-dimethyl-pentyloxy)-methyl-silane**

T / °C -53.9 37.8 99.0 59P1

ν / (mm²/s) 1470. 4.887 1.684

514 **C₂₂H₄₈O₄Si** **silicic acid bis-(tert-butyl) ester bis-(1-methyl-hexyl) ester** **18754-51-3**

T / °C -53.9 37.8 99.0 59P1

ν / (mm²/s) 1006. 4.694 1.568

515 **C₂₂H₄₈O₈Si₅** **4,4,6,6,8,8,10,10,12,12-decamethyl-5,7,9,11-tetraoxa-4,6,8,10,12-pentasilapentadecanedioic acid diallyl ester** **20609-59-0**

T / °C 0.0 50.0 100.0 68S1

ν / (mm²/s) 36.10 10.58 5.45

516 **C₂₂H₅₀OSi₂** **1,1,3,3-tetramethyl-1,3-dinonyl-disiloxane** **64451-53-2**

T / °C 20.0 80L1

η / (mPa s) 5.31

517 **C₂₂H₅₀O₁₃Si₆** **3,5,7,9-tetrakis-acetoxymethyl-1,1,1,3,5,7,9,11,11,11-decamethyl-hexasiloxane** **18727-36-1**

T / °C 50.0 59A2

ν / (mm²/s) 26.5

518 **C₂₂H₅₂O₈Si₅** **1,17-diacetoxy-5,5,7,7,9,9,11,11,13,13-decamethyl-6,8,10,12-tetraoxa-5,7,9,11,13-pentasila-heptadecane** **18727-38-3**

T / °C 0.0 20.0 60.0 55S4

η / (mPa s) 14.22 7.85 3.42

519	C₂₂H₅₂O₈Si₅	1,9-bis-[3-(2,3-epoxy-propoxy)-propyl]- 1,1,3,3,5,5,7,7,9,9-decamethyl-pentasiloxane	18727-39-4
<i>T</i> /°C	25.0		59P2
<i>v</i> /(mm ² /s)	12.0		
520	C₂₂H₅₄O₃Si₄	1,7-diheptyl-1,1,3,3,5,5,7,7-octamethyl-tetrasiloxane	76195-16-9
<i>T</i> /°C	20.0		80L1
<i>η</i> /(mPa s)	4.57		
521	C₂₂H₅₄O₉Si₆	4,4,6,6,8,8,10,10,12,12,14,14-dodecamethyl- 5,7,9,11,13-pentaoxa-4,6,8,10,12,14-hexasila- heptadecanedioic acid diethyl ester	18727-44-1
<i>T</i> /°C	0.0	20.0	60.0
<i>η</i> /(mPa s)	10.99	6.54	3.07
			55S4
522	C₂₂H₅₈O₃Si₆	2,2,4,4,9,9,11,11,16,16,18,18-dodecamethyl- 3,10,17-trioxa-2,4,9,11,16,18-hexasila-nonadecane	18727-49-6
<i>T</i> /°C	0.0	20.0	60.0
<i>η</i> /(mPa s)	14.36	7.84	3.31
			55S3
523	C₂₂H₆₄O₁₀Si₉	1,17-diethoxy-1,1,3,3,5,5,7,7,9,9,11,11,13,13,15,15, 17,17-octadecamethyl-nonasiloxane	18727-52-1
<i>T</i> /°C	25.0		49F1
<i>v</i> /(mm ² /s)	4.50		
524	C₂₂H₆₆O₉Si₁₀	docosamethyl-decasiloxane	556-70-7
<i>T</i> /°C	37.8	99.0	46W2
<i>η</i> /(mPa s)	3.94	1.65	
<i>T</i> /°C	25.0		46C1
<i>v</i> /(mm ² /s)	5.35		
525	C₂₂H₆₆O₁₁Si₁₀	1,19-dimethoxy-1,1,3,3,5,5,7,7,9,9,11,11,13,13,15,15, 17,17,19,19-eicosamethyl-decasiloxane	82753-28-4
<i>T</i> /°C	25.0		57L1
<i>v</i> /(mm ² /s)	6.31		

526	C₂₃H₂₆O₄Si	silicic acid ethyl ester tris-(2-methyl-phenyl) ester				18742-23-9	
<i>T</i> /°C	-35.0	25.0	37.8			48P1	
<i>v</i> /(mm ² /s)	515.6	10.3	6.97				
527	C₂₃H₃₀O₂Si₃	1,1,1,3,5-pentamethyl-3,5,5-triphenyl-trisiloxane				67102-99-2	
<i>T</i> /°C	70.0					78L1	
<i>η</i> /(mPa s)	4.23						
528	C₂₃H₃₀O₄Si₄	2,2,4,6,8-pentamethyl-4,6,8-triphenyl-cyclotetrasiloxane				10448-10-9	
<i>T</i> /°C	25.0	32.7				57S1	
<i>η</i> /(mPa s)	35.6	15.3					
<i>T</i> /°C	20.0					72K2	
<i>v</i> /(mm ² /s)	57.5						
529	C₂₃H₃₀O₄Si₄	2,2,4,6,8-pentamethyl-4α,6β,8α-triphenyl-cyclotetrasiloxane				40305-05-3	
<i>T</i> /°C	20.0					72K2	
<i>v</i> /(mm ² /s)	65.6						
530	C₂₃H₄₈Si	1,1-dinonyl-silane				18771-73-8	
<i>T</i> /°C	-53.9	-40.0	-17.8	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	2751.8	630.4	108.1	9.16	2.56	0.89	
531	C₂₃H₅₀O₃Si	ethyl-bis-(octyloxy)-tert-pentyloxy-silane				18771-75-0	
<i>T</i> /°C	37.8	99.0				59P1	
<i>v</i> /(mm ² /s)	4.343	1.591					
532	C₂₃H₅₀Si	methyl-(4-methyl-pentyl)-dioctyl-silane				111324-79-9	
<i>T</i> /°C	-54.0	-40.0	-18.0	38.0	99.0		88O1
<i>v</i> /(mm ² /s)	1810.	421.	76.8	6.88	2.04		
533	C₂₃H₆₈O₁₀Si₁₀	permethyl-decasiloxan-1-ol-ethyl ether				1118-20-3	
<i>T</i> /°C	60.0					65A1	
<i>η</i> /(mPa s)	5.25						

534	C₂₄H₂₀F₃₂O₄Si	silicic acid bis-(1H,1H,7H-dodecafluoro-heptyl ester) bis-(2,2,3,3-tetrafluoro-1,1-dimethyl-propyl) ester		562-87-8
<i>T</i> /°C	-28	204.0		59M3
<i>v</i> /(mm ² /s)	7160.	0.850		
535	C₂₄H₂₈O₄Si	silicic acid isopropyl ester tris-(2-methyl-phenyl) ester		18751-04-7
<i>T</i> /°C	-35.0	25.0	37.8	48P1
<i>v</i> /(mm ² /s)	573.	12.1	8.0	
536	C₂₄H₃₀OSi₂	1,1,1-tribenzyl-3,3,3-trimethyl-disiloxane		18754-60-4
<i>T</i> /°C	25.0			52D1
<i>v</i> /(mm ² /s)	24.0	<i>(supercooled liquid)</i>		
537	C₂₄H₃₀O₃Si₃	2,4,6-triethyl-2,4,6-triphenyl-cyclotrisiloxane		546-33-8
<i>T</i> /°C	25.0			48Y1
<i>v</i> /(mm ² /s)	63.6			
538	C₂₄H₃₆O₄Si	silicic acid dibutyl ester bis-(2-ethyl-phenyl) ester		18875-27-9
<i>T</i> /°C	20.0	50.0	70.0	55F1
<i>v</i> /(mm ² /s)	10.2	4.8	3.4	
539	C₂₄H₃₆O₄Si	silicic acid diethyl ester bis-(2,6-diethyl-phenyl) ester		18875-28-0
<i>T</i> /°C	20.0	50.0	70.0	55F1
<i>v</i> /(mm ² /s)	24.0	9.0	5.5	
540	C₂₄H₄₄O₄Si₅	5,5-diethyl-1,1,1,3,7,9,9,9-octamethyl-3,7-diphenyl-pentasiloxane		18769-14-7
<i>T</i> /°C	20.0	38.0	98.0	60R1
<i>v</i> /(mm ² /s)	25.20	14.16	4.32	
541	C₂₄H₄₈O₁₂Si₄	2-methyl-3-[4,6,8-tris-(2-methoxycarbonyl-propyl)-2,4,6,8-tetramethyl-1,3,5,7,2,4,6,8-tetraoxatetrasiloxan-2-yl]-propionic acid methyl ester		1909-54-2
<i>T</i> /°C	23.5			57S3
<i>v</i> /(mm ² /s)	30.8			

542	C₂₄H₄₉NO₂Si	3-[bis-(decyloxy)methylsilyl]-propanenitrile	85617-99-8
<i>T</i> /°C	20.0		83L1
<i>η</i> /(mPa s)	13.50		
543	C₂₄H₅₁FSi	fluoro-tris-(2-ethyl-hexyl)-silane	429-78-7
<i>T</i> /°C	25.0	40.0	62S1
<i>η</i> /(mPa s)	6.813	4.827	
544	C₂₄H₅₁FSi	fluoro-trioctyl-silane	429-95-8
<i>T</i> /°C	25.0	40.0	62S1
<i>η</i> /(mPa s)	7.315	5.441	
545	C₂₄H₅₂O₂Si	bis-(4-ethyl-1-methyl-octyloxy)-dimethyl-silane	
<i>T</i> /°C	-53.9	37.8	99.0
<i>v</i> /(mm ² /s)	3216.	5.623	1.823
			59P1
546	C₂₄H₅₂O₄S₄Si	silicic acid tetrakis-(2-butylsulfanyl-ethyl) ester	18823-24-0
<i>T</i> /°C	-54.0	99.0	54J1
<i>v</i> /(mm ² /s)	1020.	2.80	
547	C₂₄H₅₂O₄S₄Si	silicic acid tetrakis-(2-isobutylsulfanyl-ethyl) ester	18765-26-9
<i>T</i> /°C	-54.0	99.0	54J1
<i>v</i> /(mm ² /s)	2060.	2.90	
548	C₂₄H₅₂O₄S₄Si	silicic acid tetrakis-(3-isopropylsulfanyl-propyl) ester	18765-27-0
<i>T</i> /°C	38.0	99.0	54J1
<i>η</i> /(mPa s)	10.07	3.08	
549	C₂₄H₅₂O₄S₄Si	silicic acid tetrakis-(3-propylsulfanyl-propyl) ester	18765-28-1
<i>T</i> /°C	38.0	99.0	54J1
<i>η</i> /(mPa s)	9.33	3.02	
550	C₂₄H₅₂O₄Si	silicic acid bis-(1-methyl-heptyl) ester bis-(<i>tert</i>-butyl) ester	18765-31-6

$T/^\circ\text{C}$	-53.9	37.8	99.0		59P1
$\nu/(\text{mm}^2/\text{s})$	1580.	5.722	1.789		
551	$\text{C}_{24}\text{H}_{52}\text{O}_4\text{Si}$		silicic acid bis-(2-ethyl-hexyl) ester bis-(<i>tert</i>-butyl) ester		18765-30-5
$T/^\circ\text{C}$	-53.9	37.8	99.0		59P1
$\nu/(\text{mm}^2/\text{s})$	1228.	5.563	1.836		
552	$\text{C}_{24}\text{H}_{52}\text{O}_4\text{Si}$		silicic acid tetrakis-(2-ethyl-butyl) ester		78-13-7
$T/^\circ\text{C}$	30.0	80.0			89A1
$\nu/(\text{mm}^2/\text{s})$	3.98	2.26			
$T/^\circ\text{C}$	40.0	100.0			87A1
$\nu/(\text{mm}^2/\text{s})$	3.58	1.55			
$T/^\circ\text{C}$	-53.9	37.8	99.0		59P1
$\nu/(\text{mm}^2/\text{s})$	194.1	3.897	1.542		
$T/^\circ\text{C}$	-40.0	37.8	98.9		53M1
$\nu/(\text{mm}^2/\text{s})$	65.6	4.04	1.67		
553	$\text{C}_{24}\text{H}_{52}\text{O}_4\text{Si}$		silicic acid tetrahexyl ester		7425-86-7
$T/^\circ\text{C}$	30.0	80.0			89A1
$\nu/(\text{mm}^2/\text{s})$	4.25	2.38			
$T/^\circ\text{C}$	-35.0	25.0	85.0		58K1
$\nu/(\text{mm}^2/\text{s})$	40.0	5.0	1.83		
$T/^\circ\text{C}$	-40.0	37.8	98.9		53M1
$\nu/(\text{mm}^2/\text{s})$	57.8	3.78	1.59		
554	$\text{C}_{24}\text{H}_{52}\text{O}_4\text{Si}$		silicic acid tetrakis-(2-methyl-pentyl) ester		18765-32-7
$T/^\circ\text{C}$	-40.0	37.8	98.9		53M1
$\nu/(\text{mm}^2/\text{s})$	132.	4.85	1.83		
555	$\text{C}_{24}\text{H}_{52}\text{Si}$		dodecyl-tributyl-silane		18823-22-8
$T/^\circ\text{C}$	-40.0	-17.8	37.8	98.9	61B1
$\nu/(\text{mm}^2/\text{s})$	470.5	91.1	8.37	2.35	
556	$\text{C}_{24}\text{H}_{54}\text{N}_4\text{O}_{17}\text{Si}_6$		4,4,6,6,8,8,10,10,12,12,14,14-dodecamethyl-5,7,9,11,13-pentaoxa-4,6,8,10,12,14-hexasilaheptadecanedioic acid		

			bis-(2,2-dinitropropyl) ester			20609-58-9
$T/^\circ\text{C}$	0.0	50.0	100.0			68S1
$\nu/(\text{mm}^2/\text{s})$	259.34	49.69	8.06			
557	$\text{C}_{24}\text{H}_{54}\text{OSi}_2$		1,1,1,3,3,3-hexabutyl-disiloxane			2973-30-0
$T/^\circ\text{C}$	-40.0	-20.0	0.0	50.0	100.0	54T1
$\nu/(\text{mm}^2/\text{s})$	274.1	73.2	23.6	4.92	1.97	
558	$\text{C}_{24}\text{H}_{54}\text{O}_7\text{Si}_2$		disilicic acid hexabutyl ester			4422-63-3
$T/^\circ\text{C}$	20.0					52K1
$\eta/(\text{mPa}\cdot\text{s})$	3.845					
$T/^\circ\text{C}$	-35.0	25.0	85.0			58K1
$\nu/(\text{mm}^2/\text{s})$	23.8	3.90	1.63			
$T/^\circ\text{C}$	37.8	98.9				53M1
$\nu/(\text{mm}^2/\text{s})$	3.07	1.43				
559	$\text{C}_{24}\text{H}_{58}\text{O}_9\text{Si}_6$		1,11-bis-[3-(2,3-epoxy-propoxy)-propyl]- 1,1,3,3,5,5,7,7,9,9,11,11-dodecamethyl-hexasiloxane			18867-17-9
$T/^\circ\text{C}$	25.0					59P2
$\nu/(\text{mm}^2/\text{s})$	14.0					
560	$\text{C}_{24}\text{H}_{60}\text{O}_4\text{Si}_5$		dodecaethyl-pentasiloxane			2031-78-9
$T/^\circ\text{C}$	20.0	38.0				58A1
$\nu/(\text{mm}^2/\text{s})$	16.99	12.16				
561	$\text{C}_{24}\text{H}_{60}\text{O}_{10}\text{Si}_7$		4,4,6,6,8,8,10,10,12,12,14,14,16,16-tetradecamethyl- 5,7,9,11,13,15-hexaoxa-4,6,8,10,12,14,16-heptasila- nonadecanedioic acid diethyl ester			18867-27-1
$T/^\circ\text{C}$	0.0	20.0	60.0			55S4
$\eta/(\text{mPa}\cdot\text{s})$	12.91	7.71	3.54			
562	$\text{C}_{24}\text{H}_{70}\text{O}_{11}\text{Si}_{10}$		1,19-diethoxy-1,1,3,3,5,5,7,7,9,9,11,11,13,13,15,15,17,17,19,19- eicosamethyl-decasiloxane			18857-52-8
$T/^\circ\text{C}$	25.0					49F1
$\nu/(\text{mm}^2/\text{s})$	5.17					

563	C₂₄H₇₂O₁₀Si₁₁	tetracosamethyl-undecasiloxane				107-53-9	
<i>T</i> /°C	37.8	99.0				46W2	
<i>η</i> /(mPa s)	4.52	1.89					
<i>T</i> /°C	25.0					46C1	
<i>v</i> /(mm ² /s)	6.10						
564	C₂₅H₂₂O₂Si	1,1-bis-(3-methyl-phenyloxy)-1,2-dihydro-1-sila-acenaphthylene				60899-50-5	
<i>T</i> /°C	20.0					76S1	
<i>v</i> /(mm ² /s)	570.						
565	C₂₅H₃₄Si₃	2,4,6-trimethyl-2,4,6-triphenyl-2,4,6-trisila-heptane				18762-77-1	
<i>T</i> /°C	25.0					49D1	
<i>v</i> /(mm ² /s)	38.72						
566	C₂₅H₃₆O₅Si₅	2,2,4,4,6,8,10-heptamethyl-6,8,10-triphenyl-cyclopentasiloxane				40305-06-4	
<i>T</i> /°C	20.0					72K2	
<i>v</i> /(mm ² /s)	46.4						
567	C₂₅H₅₂Si	1,1-didecyl-silane				18770-08-6	
<i>T</i> /°C	-53.9	-40.0	-17.8	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	3870.	829.4	138.2	11.42	2.90	1.02	
568	C₂₅H₅₃Fsi	fluoro-(3,5,5-trimethyl-hexyl)-bis-(2-ethyl-hexyl)-silane				1869-35-8	
<i>T</i> /°C	25.0	40.0					62S1
<i>η</i> /(mPa s)	13.657	6.302					
569	C₂₅H₅₄O₃Si	bis-(2-ethyl-hexyloxy)-<i>tert</i>-butoxy-pentyl-silane				18770-09-7	
<i>T</i> /°C	-53.9	37.8	99.0				59P1
<i>v</i> /(mm ² /s)	1177.	5.641	1.849				
570	C₂₅H₅₄O₃Si	methyl-tris-(1-methyl-heptyloxy)-silane				18770-10-0	
<i>T</i> /°C	-53.9	37.8	99.0				59P1
<i>v</i> /(mm ² /s)	707.	4.757	1.654				

$T/^\circ\text{C}$	20.0	90.0				55A1
$\nu/(\text{mm}^2/\text{s})$	8.12	1.88				
571	$\text{C}_{25}\text{H}_{54}\text{Si}$		methyl-trioctyl-silane			3510-72-3
$T/^\circ\text{C}$	-54.0	-40.0	-18.0	38.0	99.0	88O1
$\nu/(\text{mm}^2/\text{s})$	1417.	388.	80.11	7.98	2.35	
572	$\text{C}_{25}\text{H}_{56}\text{Si}_2$		bis-(tributylsilyl)-methane			18770-04-2
$T/^\circ\text{C}$	-40.0	-20.0	0.0	50.0	100.0	54T1
$\nu/(\text{mm}^2/\text{s})$	562.6	81.4	23.8	4.66	1.88	
573	$\text{C}_{26}\text{H}_{14}\text{F}_{24}\text{O}_2\text{Si}$		9,9-bis-(2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoro-heptyloxy)-9H-dibenzosilole			
$T/^\circ\text{C}$	20.0					76S1
$\nu/(\text{mm}^2/\text{s})$	340.					
574	$\text{C}_{26}\text{H}_{22}\text{O}_2\text{Si}$		9,9-bis-(3-methyl-phenyloxy)-9H-dibenzosilole			60899-49-2
$T/^\circ\text{C}$	20.0					76S1
$\nu/(\text{mm}^2/\text{s})$	1300.					
575	$\text{C}_{26}\text{H}_{24}\text{O}_2\text{Si}$		dimethyl-bis-(4-phenoxy-phenyl)-silane			18845-76-6
$T/^\circ\text{C}$	37.8	98.9				59O1
$\nu/(\text{mm}^2/\text{s})$	146.7	8.34				
576	$\text{C}_{26}\text{H}_{26}\text{OSi}_2$		1,1-dimethyl-1,3,3,3-tetraphenyl-disiloxane			14920-94-6
$T/^\circ\text{C}$	25.0					52D1
$\nu/(\text{mm}^2/\text{s})$	151.	(<i>supercooled liquid</i>)				
577	$\text{C}_{26}\text{H}_{26}\text{OSi}_2$		1,3-dimethyl-1,1,3,3-tetraphenyl-disiloxane			807-28-3
$T/^\circ\text{C}$	70.0					91F1
$\eta/(\text{mPa s})$	11.3					
T/K	343.15					83L2
$\eta/(\text{mPa s})$	11.31					
$T/^\circ\text{C}$	70.0					78L1
$\eta/(\text{mPa s})$	11.31					

$T/^\circ\text{C}$	25.0			52D1
$\nu/(\text{mm}^2/\text{s})$	94.	<i>(supercooled liquid)</i>		
578	$\text{C}_{26}\text{H}_{32}\text{OSi}$	(2-ethyl-hexyloxy)-triphenyl-silane		98352-75-1
$T/^\circ\text{C}$	20.0			89K1
$\nu/(\text{mm}^2/\text{s})$	150.			
579	$\text{C}_{26}\text{H}_{38}\text{O}_5\text{Si}_2$	1,3-dimethyl-1,3-bis-(3-oxiranylmethoxy-propyl)-1,3-diphenyl-disiloxane		13222-44-1
$T/^\circ\text{C}$	25.0			59P2
$\nu/(\text{mm}^2/\text{s})$	80.0			
580	$\text{C}_{26}\text{H}_{46}\text{O}_9\text{Si}_2$	<i>cis</i>-but-2-enedioic acid 3-(2-(3-(3-isobutoxycarbonyl-acryloyloxy)-propyl)-1,1,2,2-tetramethyl-disiloxanyl)-propyl ester isobutyl ester		88351-33-1
$T/^\circ\text{C}$	20.0			85G1
$\eta/(\text{mPa s})$	123.			
581	$\text{C}_{26}\text{H}_{48}\text{N}_2\text{O}_3\text{Si}_4$	3,5-bis-(N-ethyl-anilinomethyl)-1,1,1,3,5,7,7,7-octamethyl-tetrasiloxane		18834-35-0
$T/^\circ\text{C}$	20.0			59G1
$\nu/(\text{mm}^2/\text{s})$	40.3			
582	$\text{C}_{26}\text{H}_{54}\text{O}_5\text{Si}_2$	4,4,6,6-tetramethyl-5-oxa-4,6-disila-nonanedioic acid bis-(2-ethyl-hexyl) ester		18842-59-6
$T/^\circ\text{C}$	0.0	20.0	60.0	55S4
$\eta/(\text{mPa s})$	36.44	15.42	4.88	
$T/^\circ\text{C}$	0.0	50.0	100.0	68S1
$\nu/(\text{mm}^2/\text{s})$	38.98	12.18	4.81	
583	$\text{C}_{26}\text{H}_{56}\text{O}_3\text{Si}$	ethyl-tris-(2-ethyl-hexyloxy)-silane		
$T/^\circ\text{C}$	37.8	99.0		59P1
$\nu/(\text{mm}^2/\text{s})$	4.940	1.772		
584	$\text{C}_{26}\text{H}_{56}\text{O}_3\text{Si}$	ethyl-tris-(1-methyl-heptyloxy)-silane		
$T/^\circ\text{C}$	37.8	99.0		59P1
$\nu/(\text{mm}^2/\text{s})$	5.150	1.737		

585	C₂₆H₅₆O₄Si	silicic acid bis-(1,1-dimethyl-propyl) ester bis-(2-ethyl-hexyl) ester			18845-91-5	
<i>T</i> /°C	-53.9	37.8	99.0		59P1	
<i>v</i> /(mm ² /s)	1204.	6.862	2.176			
586	C₂₆H₅₆Si	didodecyl-dimethyl-silane			18845-96-0	
<i>T</i> /°C	37.8	98.9	204.4		61B1	
<i>v</i> /(mm ² /s)	9.96	2.95	1.03			
587	C₂₆H₅₆Si	ethyl-trioctyl-silane			83094-46-6	
<i>T</i> /°C	-54.0	-40.0	-18.0	38.0	99.0	88O1
<i>v</i> /(mm ² /s)	1474.	412.	87.1	8.71	2.43	
588	C₂₆H₅₈O₅Si₂	1,3-bis-(<i>tert</i>-butoxy)-1,3-dimethyl- 1,3-bis-(1-methyl-heptyloxy)-disiloxane			18846-00-9	
<i>T</i> /°C	-53.9	37.8	99.0		59P1	
<i>v</i> /(mm ² /s)	870.5	5.61	1.93			
589	C₂₆H₅₈O₅Si₂	1,3-bis-(<i>tert</i>-butoxy)-1,3-dimethyl- 1,3-bis-(6-methyl-heptyloxy)-disiloxane				
<i>T</i> /°C	-53.9	37.8	99.0		59P1	
<i>v</i> /(mm ² /s)	734.6	5.893	2.038			
590	C₂₆H₅₈O₅Si₂	1,3-bis-(<i>tert</i>-butoxy)-1,3-dimethyl- 1,3-bis-(octyloxy)-disiloxane			18846-01-0	
<i>T</i> /°C	-53.9	37.8	99.0		59P1	
<i>v</i> /(mm ² /s)	420.	5.47	1.94			
591	C₂₆H₅₈O₅Si₂	1,3-diethyl-1,3-bis-(2-ethyl-butoxy)- 1,3-bis-(<i>tert</i>-pentyloxy)-disiloxane			18846-02-1	
<i>T</i> /°C	-53.9	37.8	99.0		59P1	
<i>v</i> /(mm ² /s)	596.	6.46	1.96			
592	C₂₆H₅₈O₅Si₂	1,3-diethyl-1,3-bis-(2,2-dimethyl-pentyloxy)- 1,3-dimethyl-1,3-bis-(<i>tert</i>-pentyloxy)-disiloxane			18845-98-2	

$T/^\circ\text{C}$	-53.9	37.8	99.0			59P1
$\nu/(\text{mm}^2/\text{s})$	1406.	7.706	2.499			
593	$\text{C}_{26}\text{H}_{58}\text{O}_5\text{Si}_2$	1,1,3,3-tetrakis-(2-ethyl-butoxy)-1,3-dimethyl-disiloxane				18885-11-5
$T/^\circ\text{C}$	-53.9	37.8	99.0			59P1
$\nu/(\text{mm}^2/\text{s})$	219.5	4.478	1.787			
594	$\text{C}_{26}\text{H}_{58}\text{O}_5\text{Si}_2$	1,3-bis-(2-ethyl-hexyloxy)-1,3-bis-(tert-butoxy)-1,3-dimethyl-disiloxane				18845-99-3
$T/^\circ\text{C}$	-53.9	37.8	99.0			59P1
$\nu/(\text{mm}^2/\text{s})$	880.	5.785	2.013			
595	$\text{C}_{26}\text{H}_{58}\text{Si}_2$	1,2-bis-(tributylsilyl)-ethane				18846-08-7
$T/^\circ\text{C}$	-40.0	-20.0	0.0	50.0	100.0	54T1
$\nu/(\text{mm}^2/\text{s})$	997.5	128.8	44.2	6.84	2.60	
596	$\text{C}_{26}\text{H}_{62}\text{O}_3\text{Si}_4$	octamethyl-1,7-dinonyl-tetrasiloxane				76195-17-0
$T/^\circ\text{C}$	20.0					80L1
$\eta/(\text{mPa s})$	6.31					
597	$\text{C}_{26}\text{H}_{76}\text{O}_{12}\text{Si}_{11}$	1,21-diethoxy-1,1,3,3,5,5,7,7,9,9,11,11,13,13,15,15,17,17,19,19,21,21-docosamethyl-undecasiloxane				18870-69-4
$T/^\circ\text{C}$	25.0					49F1
$\nu/(\text{mm}^2/\text{s})$	5.89					
598	$\text{C}_{26}\text{H}_{78}\text{O}_{11}\text{Si}_{12}$	hexacosamethyl-dodecasiloxane				2471-08-1
$T/^\circ\text{C}$	25.0					46C1
$\nu/(\text{mm}^2/\text{s})$	6.85					
599	$\text{C}_{27}\text{H}_{28}\text{Si}_2$	Si,Si-dimethyl-Si,Si',Si',Si'-tetraphenyl-Si,Si'-methanediyl-bis-silane				18840-73-8
$T/^\circ\text{C}$	25.0					49D1
$\nu/(\text{mm}^2/\text{s})$	194.					
600	$\text{C}_{27}\text{H}_{42}\text{O}_2\text{Si}$	1,1-bis-(2-ethyl-hexyloxy)-1,2-dihydro-1-sila-acenaphthylene				

$T/^\circ\text{C}$	20.0				76S1
$\nu/(\text{mm}^2/\text{s})$	48.				
601	$\text{C}_{27}\text{H}_{42}\text{O}_4\text{Si}_5$	1,1,1,3,5,7,9,9,9-nonamethyl-3,5,7-triphenyl-pentasiloxane			6689-19-6
$T/^\circ\text{C}$	25.0				53H2
$\nu/(\text{mm}^2/\text{s})$	13.0				
602	$\text{C}_{27}\text{H}_{44}\text{ClF}_5\text{O}_5\text{Si}_5$	5-[3-(2-chloro-1,1,2-trifluoroethoxy)propyl]-5-ethyl-3,7-bis-(4-fluoro-phenyl)-1,1,1,3,7,9,9,9-octamethyl-pentasiloxane			3800-90-6
$T/^\circ\text{C}$	20.0	38.0	98.0		60R1
$\nu/(\text{mm}^2/\text{s})$	34.0	16.4	4.19		
603	$\text{C}_{27}\text{H}_{46}\text{ClF}_3\text{O}_5\text{Si}_5$	5-[3-(2-chloro-1,1,2-trifluoroethoxy)propyl]-5-ethyl-3,7-diphenyl-1,1,1,3,7,9,9,9-octamethyl-pentasiloxane			4577-20-2
$T/^\circ\text{C}$	20.0	38.0	98.0		60R1
$\nu/(\text{mm}^2/\text{s})$	34.4	16.7	4.25		
604	$\text{C}_{27}\text{H}_{46}\text{F}_4\text{O}_5\text{Si}_5$	5-ethyl-3,7-diphenyl-1,1,1,3,7,9,9,9-octamethyl-5-[3-(1,1,2,2-tetrafluoroethoxy)propyl]-pentasiloxane			3862-92-8
$T/^\circ\text{C}$	20.0	38.0	98.0		60R1
$\nu/(\text{mm}^2/\text{s})$	28.49	15.21	4.27		
605	$\text{C}_{27}\text{H}_{56}\text{Si}$	1,1-diundecyl-silane			18784-78-6
$T/^\circ\text{C}$	-17.8	37.8	98.9	204.4	61B1
$\nu/(\text{mm}^2/\text{s})$	199.4	13.90	3.42	1.09	
606	$\text{C}_{27}\text{H}_{57}\text{FSi}$	fluoro-tris-(3,5,5-trimethyl-hexyl)-silane			3800-91-7
$T/^\circ\text{C}$	25.0	40.0			62S1
$\eta/(\text{mPa}\cdot\text{s})$	21.220	12.323			
607	$\text{C}_{27}\text{H}_{58}\text{O}_3\text{Si}$	bis-(4-ethyl-1-methyl-octyloxy)-tert-butoxy-methyl-silane			
$T/^\circ\text{C}$	-53.9	37.8	99.0		59P1
$\nu/(\text{mm}^2/\text{s})$	9972.	7.774	2.186		
608	$\text{C}_{27}\text{H}_{58}\text{Si}$	decyl-methyl-dioctyl-silane			83094-48-8

$T/^\circ\text{C}$	-54.0	-40.0	-18.0	38.0	99.0		88O1
$\nu/(\text{mm}^2/\text{s})$	1944.	529.	102.6	9.50	2.70		
609	C₂₇H₅₈Si		dodecyl-tripentyl-silane				18816-99-4
$T/^\circ\text{C}$	-53.9	-40.0	-17.8	37.8	98.9	204.4	61B1
$\nu/(\text{mm}^2/\text{s})$	2720.	671.2	123.0	10.49	2.80	0.87	
610	C₂₈H₁₂F₄₈O₄Si		silicic acid tetrakis-(1H,1H,7H-dodecafluoro-heptyl) ester				470-80-4
$T/^\circ\text{C}$	-35.0	25.0	85.0				58K1
$\nu/(\text{mm}^2/\text{s})$	4900.	43.8	6.05				
611	C₂₈H₂₄Cl₈O₄Si₄		2,4,6,8-tetrakis-(2,5-dichloro-phenyl)-2,4,6,8-tetramethyl-1,3,5,7,2,4,6,8-tetraoxatetrasiloxane				132930-57-5
$T/^\circ\text{C}$	30.0	60.0	90.0				90K1
$\eta/(\text{mPa s})$	$3.6 \cdot 10^8$	$1.3 \cdot 10^5$	1700.				
612	C₂₈H₂₈O₂Si		dimethyl-bis-[4-(3-methyl-phenyloxy)-phenyl]-silane				18768-45-1
$T/^\circ\text{C}$	37.8	98.9					59O1
$\nu/(\text{mm}^2/\text{s})$	315.	10.34					
613	C₂₈H₃₀OSi₂		bis-[4-(dimethyl-phenyl-silanyl)-phenyl]-ether				18858-61-2
$T/^\circ\text{C}$	25.0						49D2
$\nu/(\text{mm}^2/\text{s})$	814.						
614	C₂₈H₃₂O₂Si₃		1,1,1,3-tetramethyl-3,5,5,5-tetraphenyl-trisiloxane				67103-00-8
$T/^\circ\text{C}$	70.0						78L1
$\eta/(\text{mPa s})$	13.98						
615	C₂₈H₃₂O₂Si₃		1,1,3,5-tetramethyl-1,3,5,5-tetraphenyl-trisiloxane				67142-05-6
$T/^\circ\text{C}$	70.0						78L1
$\eta/(\text{mPa s})$	7.19						
616	C₂₈H₃₂O₂Si₃		1,1,5,5-tetramethyl-1,3,3,5-tetraphenyl-trisiloxane				18848-30-1
$T/^\circ\text{C}$	25.0						53H2
$\nu/(\text{mm}^2/\text{s})$	32.0						

617	C₂₈H₄₂O₂Si	5,5-bis-(2-ethyl-hexyloxy)-5H-dibenzosilole	
<i>T</i> / °C	20.0		76S1
<i>v</i> /(mm ² /s)	71.		
618	C₂₈H₄₂O₃Si	10,10-bis-(2-ethyl-hexyloxy)-10H-9-oxa-10-sila-phenanthrene	
<i>T</i> / °C	20.0		76S1
<i>v</i> /(mm ² /s)	54.		
619	C₂₈H₄₂O₅Si₂	1,1,3,3-tetramethyl-1,3-bis-[3-(2-oxiranylmethoxy-phenyl)-propyl]-disiloxane	18848-22-1
<i>T</i> / °C	25.0		59P2
<i>v</i> /(mm ² /s)	260.		
620	C₂₈H₄₄O₂Si	bis-(2-ethyl-hexyloxy)-diphenyl-silane	18848-16-3
<i>T</i> / °C	20.0		89K1
<i>v</i> /(mm ² /s)	34.7		
621	C₂₈H₄₄O₄Si	silicic acid dibutyl ester bis-(2,6-diethyl-phenyl) ester	18759-46-1
<i>T</i> / °C	20.0	70.0	55F1
<i>v</i> /(mm ² /s)	28.9	6.4	
622	C₂₈H₄₄O₆Si₃	1,5-bis-[3-(2,3-epoxy-propoxy)-propyl]-1,1,5,5-tetramethyl-3,3-diphenyl-trisiloxane	18759-51-8
<i>T</i> / °C	25.0		59P2
<i>v</i> /(mm ² /s)	60.		
623	C₂₈H₄₆Cl₄O₉Si₆	1,11-bis-(2,4-dichloro-benzoyloxymethyl)-1,1,3,3,5,5,7,7,9,9,11,11-dodecamethyl-hexasiloxane	18759-78-9
<i>T</i> / °C	25.0		54D1
<i>v</i> /(mm ² /s)	2.02		
624	C₂₈H₄₆Cl₄O₉Si₆	1,11-bis-(3,4-dichloro-benzoyloxymethyl)-1,1,3,3,5,5,7,7,9,9,11,11-dodecamethyl-hexasiloxane	
<i>T</i> / °C	25.0		54D1
<i>v</i> /(mm ² /s)	3.12		

625	C₂₈H₄₆O₅Si₂	1,3-bis-(<i>sec</i>-butoxy)-1,3-bis-(<i>tert</i>-butoxy)-1,3-diphenyl-disiloxane		
<i>T</i> /°C	37.8	99.0		59P1
<i>v</i> /(mm ² /s)	25.61	5.533		
626	C₂₈H₄₆O₅Si₂	1,1,3,3-tetrakis-(<i>sec</i>-butoxy)-1,3-diphenyl-disiloxane		18759-86-9
<i>T</i> /°C	-53.9	37.8	99.0	59P1
<i>v</i> /(mm ² /s)	10402.	15.52	4.160	
627	C₂₈H₅₉FSi	fluoro-bis-(2-ethyl-hexyl)-dodecyl-silane		2692-67-3
<i>T</i> /°C	25.0	40.0		62S1
<i>η</i> /(mPa s)	15.788	9.030		
628	C₂₈H₆₀O₄S₄Si	silicic acid tetrakis-(3-butylsulfanyl-propyl) ester		18759-57-4
<i>T</i> /°C	38.0	99.0		54J1
<i>η</i> /(mPa s)	10.90	3.37		
629	C₂₈H₆₀O₄S₄Si	silicic acid tetrakis-(3-<i>tert</i>-butylsulfanyl-propyl) ester		
<i>T</i> /°C	-54.0	38.0	99.0	54J1
<i>η</i> /(mPa s)	39.99	21.12	4.73	
630	C₂₈H₆₀O₄S₄Si	silicic acid tetrakis-(2-isopentylsulfanyl-ethyl) ester		18816-70-1
<i>T</i> /°C	-54.0	99.0		54J1
<i>v</i> /(mm ² /s)	3620.	2.87		
631	C₂₈H₆₀O₄S₄Si	silicic acid tetrakis-(2-pentylsulfanyl-ethyl) ester		18759-56-3
<i>T</i> /°C	-54.0	99.0		54J1
<i>v</i> /(mm ² /s)	1850.	3.16		
632	C₂₈H₆₀O₄Si	silicic acid <i>tert</i>-butyl ester tris-(2-ethyl-hexyl) ester		18767-86-7
<i>T</i> /°C	-53.9	37.8	99.0	59P1
<i>v</i> /(mm ² /s)	1176.	6.200	2.027	
633	C₂₈H₆₀O₄Si	silicic acid <i>tert</i>-butyl ester tris-(1-methyl-heptyl) ester		18767-83-4
<i>T</i> /°C	-53.9	37.8	99.0	59P1

ν /(mm ² /s)	1644.	6.135	1.921	
T /°C	-54.0	38.0	99.0	54C1
ν /(mm ² /s)	1559.	6.46	2.00	
634	C₂₈H₆₀O₄Si	silicic acid tetraheptyl ester		18759-42-7
T /°C	30.0	80.0		89A1
ν /(mm ² /s)	5.82	3.04		
T /°C	-35.0	25.0	85.0	58K1
ν /(mm ² /s)	105.0	7.10	2.20	
T /°C	37.8	98.9		53M1
ν /(mm ² /s)	5.14	1.98		
635	C₂₈H₆₀O₄Si	silicic acid tetrakis-(1-ethyl-pentyl) ester		
T /°C	-40.0	37.8	98.9	53M1
ν /(mm ² /s)	550.	7.60	2.34	
636	C₂₈H₆₀O₄Si	silicic acid tetrakis-(1-methyl-hexyl) ester		18759-41-6
T /°C	-40.0	37.8	98.9	53M1
ν /(mm ² /s)	194.	5.36	1.90	
637	C₂₈H₆₀Si	didodecyl-diethyl-silane		18768-20-2
T /°C	37.8	98.9	204.4	61B1
ν /(mm ² /s)	11.28	3.19	1.06	
638	C₂₈H₆₂O₅Si₂	1,3-diethyl-1,3-bis-(2-ethyl-hexyloxy)- 1,3-bis-(<i>tert</i>-butoxy)-disiloxane		18767-81-2
T /°C	-53.9	37.8	99.0	59P1
ν /(mm ² /s)	1177.	7.234	2.201	
639	C₂₈H₆₂O₅Si₂	1,3-diethyl-1,1,3,3-tetrakis-(2-ethyl-butoxy)-disiloxane		18767-87-8
T /°C	-53.9	37.8	99.0	59P1
ν /(mm ² /s)	251.8	5.852	2.285	
640	C₂₈H₆₂O₅Si₂	1,3-bis-(2-ethyl-hexyloxy)-1,3-dimethyl- 1,3-bis-(<i>tert</i>-pentyloxy)-disiloxane		18767-79-8

$T/^\circ\text{C}$	-53.9	37.8	99.0		59P1
$\nu/(\text{mm}^2/\text{s})$	820.3	6.58	2.27		
641	$\text{C}_{28}\text{H}_{62}\text{O}_7\text{Si}_2$	disilicic acid 1,2-bis-(<i>tert</i>-butyl) ester 1,1,2,2-tetrakis-(1-methyl-butyl) ester			124143-67-5
$T/^\circ\text{C}$	-53.9	37.8	99.0		59P1
$\nu/(\text{mm}^2/\text{s})$	898.2	9.444	3.123		
642	$\text{C}_{28}\text{H}_{62}\text{O}_7\text{Si}_2$	disilicic acid 1,2-bis-(2-ethyl-butyl) ester 1,1,2,2-tetrakis-(<i>tert</i>-butyl) ester			105209-19-6
$T/^\circ\text{C}$	99.0				59P1
$\nu/(\text{mm}^2/\text{s})$	4.879				
643	$\text{C}_{28}\text{H}_{70}\text{O}_5\text{Si}_6$	tetradecaethyl-hexasiloxane			18768-61-1
$T/^\circ\text{C}$	20.0	38.0			58A1
$\nu/(\text{mm}^2/\text{s})$	24.68	17.30			
644	$\text{C}_{28}\text{H}_{84}\text{O}_{12}\text{Si}_{13}$	octacosamethyl-tridecasiloxane			2471-09-2
$T/^\circ\text{C}$	25.0				43C1
$\nu/(\text{mm}^2/\text{s})$	7.75				
645	$\text{C}_{29}\text{H}_{60}\text{Si}$	1,1-didodecyl-silane			18919-12-5
$T/^\circ\text{C}$	-17.8	37.8	98.9	204.4	61B1
$\nu/(\text{mm}^2/\text{s})$	428.5	16.92	4.00	1.28	
646	$\text{C}_{29}\text{H}_{61}\text{FSi}$	fluoro-pentyl-didodecyl-silane			3093-62-7
$T/^\circ\text{C}$	25.0	40.0			62S1
$\eta/(\text{mPa s})$	18.406	10.741			
647	$\text{C}_{29}\text{H}_{62}\text{OSi}$	ethoxy-tris-(3,5,5-trimethyl-hexyl)-silane			18919-14-7
$T/^\circ\text{C}$	25.0	40.0			62S1
$\eta/(\text{mPa s})$	20.241	11.923			
648	$\text{C}_{29}\text{H}_{62}\text{Si}$	didecyl-methyl-octyl-silane			83584-71-8
$T/^\circ\text{C}$	-54.0	-40.0	-18.0	38.0	99.0
$\nu/(\text{mm}^2/\text{s})$	2954.	733.	134.0	11.45	3.09

649	C₃₀H₁₈F₄₈O₇Si₂	disilicic acid hexakis-(1H,1H,5H-octafluoro-pentyl) ester	470-74-6
<i>T</i> /°C	-35.0	25.0	85.0
<i>v</i> /(mm ² /s)	3500.	44.8	8.55
			58K1
650	C₃₀H₂₄Si	biphenyl-4-yl-triphenyl-silane	3172-34-7
<i>T</i> /°C	149.0	232.0	
<i>η</i> /(mPa s)	370.	12.0	
			59A1
651	C₃₀H₃₂O₂Si	diethyl-bis-[4-(2-methyl-phenyloxy)-phenyl]-silane	
<i>T</i> /°C	37.8	98.9	
<i>v</i> /(mm ² /s)	695.	18.79	
			59O1
652	C₃₀H₃₂O₂Si	diethyl-bis-[4-(3-methyl-phenyloxy)-phenyl]-silane	18885-08-0
<i>T</i> /°C	37.8	98.9	
<i>v</i> /(mm ² /s)	334.	12.50	
			59O1
653	C₃₀H₃₆Si₂	1-[ethyl-phenyl-(4-triethylsilanyl-phenyl)-silanyl]-naphthalene	18764-92-6
<i>T</i> /°C	60.0	70.0	80.0
<i>η</i> /(mPa s)	1200.	450.	200.0
			90.0
			100.0
			75.0
			53S1
654	C₃₀H₃₆Si₃	2,6-dimethyl-2,4,4,6-tetraphenyl-2,4,6-trisila-heptane	18764-95-9
<i>T</i> /°C	25.0		
<i>v</i> /(mm ² /s)	604.		
			49D1
655	C₃₀H₃₈O₃Si₄	3-(dimethyl-phenyl-silanyloxy)-1,1,5,5-tetramethyl-1,3,5-triphenyl-trisiloxane	18758-83-3
<i>T</i> /°C	25.0		
<i>v</i> /(mm ² /s)	19.0		
			53H2
656	C₃₀H₃₉Cl₉O₄Si₅	3,5,7-triethyl-1,1,1,9,9,9-hexamethyl-3,5,7-tris-(2,4,6-trichloro-phenyl)-pentasiloxane	121544-83-0
<i>T</i> /°C	20.0		
<i>η</i> /(mPa s)	4890.2		
			57A1

657	C₃₀H₄₂Cl₆O₄Si₅	3,5,7-triethyl-3,5,7-tris-(2,4-dichloro-phenyl)-1,1,1,9,9,9-hexamethyl-pentasiloxane	123032-37-1
<i>T</i> /°C	20.0		57A1
<i>η</i> /(mPa s)	165.9		
658	C₃₀H₄₂O₃Si₃	2,4,6-trimethyl-2,4,6-tris-(2-phenyl-propyl)-cyclotrisiloxane	18758-65-1
<i>T</i> /°C	25.0		59R1
<i>v</i> /(mm ² /s)	90.		
659	C₃₀H₄₅Cl₃O₄Si₅	3,5,7-triethyl-3,5,7-tris-(4-chloro-phenyl)-1,1,1,9,9,9-hexamethyl-pentasiloxane	125543-64-8
<i>T</i> /°C	20.0		57A1
<i>η</i> /(mPa s)	54.4		
660	C₃₀H₅₁N₃O₄Si₅	3,5,7-tris-(anilinomethyl)-1,1,1,3,5,7,9,9,9-nonamethyl-pentasiloxane	18790-65-3
<i>T</i> /°C	20.0		59G1
<i>v</i> /(mm ² /s)	335.		
661	C₃₀H₅₆O₃Si	tris-(2-ethyl-hexyloxy)-phenyl-silane	18765-48-5
<i>T</i> /°C	20.0		89K1
<i>v</i> /(mm ² /s)	15.2		
662	C₃₀H₅₆O₃Si	tris-(1-methyl-heptyloxy)-phenyl-silane	18765-49-6
<i>T</i> /°C	20.0	90.0	55A1
<i>v</i> /(mm ² /s)	14.36	2.75	
663	C₃₀H₆₃FSi	fluoro-tridecyl-silane	2356-83-4
<i>T</i> /°C	25.0	40.0	62S1
<i>η</i> /(mPa s)	13.765	8.432	
664	C₃₀H₆₄O₄Si	silicic acid bis-(<i>tert</i>-butyl) ester bis-(1-methyl-4-ethyl-octyl) ester	18822-98-5
<i>T</i> /°C	-53.9	37.8	99.0
<i>v</i> /(mm ² /s)	25213.	1.64	2.794

665	C₃₀H₆₄Si	didodecyl-dipropyl-silane				18765-74-7	
<i>T</i> /°C	37.8	98.9	204.4			61B1	
<i>v</i> /(mm ² /s)	14.76	3.68	1.10				
666	C₃₀H₆₄Si	dodecyl-trihexyl-silane				18765-75-8	
<i>T</i> /°C	-53.9	-40.0	-17.8	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	3465.	875.5	160.8	13.23	3.35	0.99	
667	C₃₀H₆₆O₅Si₂	1,3-bis-(<i>tert</i>-butoxy)-1,3-dimethyl- 1,3-bis-(8-methyl-nonyloxy)-disiloxane				18891-43-5	
<i>T</i> /°C	-53.9	37.8	99.0			59P1	
<i>v</i> /(mm ² /s)	3576.	9.126	2.745				
668	C₃₀H₆₆O₅Si₂	1,1,3,3-tetrakis-(2,2-dimethyl-pentyloxy)- 1,3-dimethyl-disiloxane				18891-44-6	
<i>T</i> /°C	-53.9	37.8	99.0			59P1	
<i>v</i> /(mm ² /s)	4530.	8.292	2.582				
669	C₃₀H₆₆O₅Si₂	1,3-diethyl-1,3-bis-(octyloxy)-1,3-bis-(<i>tert</i>-pentyloxy)-disiloxane				18766-12-6	
<i>T</i> /°C	-53.9	37.8	99.0			59P1	
<i>v</i> /(mm ² /s)	607.	7.589	2.527				
670	C₃₀H₆₆O₇Si₂	disilicic acid hexapentyl ester				18823-01-3	
<i>T</i> /°C	-35.0	25.0	85.0			58K1	
<i>v</i> /(mm ² /s)	55.0	6.0	2.27				
671	C₃₀H₆₈O₃Si₃	1,2,3-tris-(tripropylsilanyloxy)-propane				18845-40-4	
<i>T</i> /°C	20.0	40.0	60.0	80.0	100.0		53B2
<i>v</i> /(mm ² /s)	16.061	8.860	5.922	4.041	3.016		
672	C₃₀H₇₀O_{Si₂Sn₂}	5,5,11,11-tetrabutyl-7,7,9,9-tetramethyl-8-oxa- 7,9-disila-5,11-distanna-pentadecane				18857-19-7	
<i>T</i> /°C	25.0	76.2				59M2	
<i>η</i> /(mPa s)	9.624	3.359					

673	C₃₀H₇₈O₄Si₈	2,2,4,4,9,9,11,11,16,16,18,18,23,23,25,25-hexadecamethyl-3,10,17,24-tetraoxa-2,4,9,11,16,18,23,25-octasila-hexacosane				18857-23-3
<i>T</i> /°C	0.0	20.0	60.0			55S3
<i>η</i> /(mPa s)	29.50	14.75	5.60			
674	C₃₀H₈₂O₁₅Si₁₂	4,4,6,6,8,8,10,10,12,12,14,14,16,16,18,18,20,20,22,22,24,24,26,26-tetracosamethyl-5,7,9,11,13,15,17,19,21,23,25-undecaoxa-4,6,8,10,12,14,16,18,20,22,24,26-dodecasila-nonacosanedioic acid				2974-67-6
<i>T</i> /°C	20.0					65A2
<i>v</i> /(mm ² /s)	117.					
675	C₃₀H₉₀O₁₃Si₁₄	triacontamethyl-tetradecasiloxane				2471-10-5
<i>T</i> /°C	25.0					43C1
<i>v</i> /(mm ² /s)	8.70					
676	C₃₁H₂₈O_{Si}₂	methyl-pentaphenyl-disiloxane				14920-95-7
<i>T</i> /°C	25.0					52D1
<i>v</i> /(mm ² /s)	11000.0					
<i>(subcooled melt)</i>						
677	C₃₁H₃₈Si₂	1-[ethyl-(4-methyl-phenyl)-(4-triethylsilyl-phenyl)-silyl]-naphthalene				18769-71-6
<i>T</i> /°C	60.0	70.0	80.0	90.0	100.0	53S1
<i>η</i> /(mPa s)	1550.	600.	250.0	150.0	100.0	
678	C₃₁H₆₆Si	methyl-tridecyl-silane				18769-78-3
<i>T</i> /°C	-40.0	-18.0	38.0	99.0		88O1
<i>v</i> /(mm ² /s)	969.	169.5	13.39	3.47		
679	C₃₂H₃₆O₂Si	diethyl-bis-[4-(3-ethyl-phenoxy)-phenyl]-silane				18832-03-6
<i>T</i> /°C	37.8	98.9			59O1	
<i>v</i> /(mm ² /s)	169.7	11.64				
680	C₃₂H₄₄O₆Si₆	2,2,4,4,6,8,10,12-octamethyl-6,8,10,12-tetraphenyl-cyclohexasiloxane				18758-41-3

$T/^\circ\text{C}$	20.0								60A1
$\nu/(\text{mm}^2/\text{s})$	46.23								
681	$\text{C}_{32}\text{H}_{68}\text{O}_4\text{Si}$								115-82-2
$T/^\circ\text{C}$	20.0								89K1
$\nu/(\text{mm}^2/\text{s})$	11.3								
$T/^\circ\text{C}$	30.0	80.0							89A1
$\nu/(\text{mm}^2/\text{s})$	7.51	3.86							
$T/^\circ\text{C}$	40.0	100.0							87A1
$\nu/(\text{mm}^2/\text{s})$	6.82	2.30							
$T/^\circ\text{C}$	-40.0	37.8	98.9						53M1
$\nu/(\text{mm}^2/\text{s})$	260.	6.83	2.36						
682	$\text{C}_{32}\text{H}_{68}\text{O}_4\text{Si}$								78-14-8
$T/^\circ\text{C}$	25.0								77J1
$\eta/(\text{mPa s})$	9.51								
$T/^\circ\text{C}$	20.0	30.0	40.0	50.0					53T1
$\eta/(\text{mPa s})$	10.02	7.344	5.608	4.447					
$T/^\circ\text{C}$	30.0	80.0							89A1
$\nu/(\text{mm}^2/\text{s})$	7.94	4.09							
$T/^\circ\text{C}$	-35.0	25.0	85.0						58K1
$\nu/(\text{mm}^2/\text{s})$	115.	9.7	3.05						
$T/^\circ\text{C}$	37.8	98.9							53M1
$\nu/(\text{mm}^2/\text{s})$	7.12	2.54							
683	$\text{C}_{32}\text{H}_{68}\text{Si}$								18763-19-4
$T/^\circ\text{C}$	37.8	98.9	204.4						61B1
$\nu/(\text{mm}^2/\text{s})$	17.27	4.08	1.16						
684	$\text{C}_{32}\text{H}_{68}\text{Si}$								83094-47-7
$T/^\circ\text{C}$	-40.0	-18.0	38.0	99.0					88O1
$\nu/(\text{mm}^2/\text{s})$	978.	180.4	14.33	3.63					
685	$\text{C}_{32}\text{H}_{70}\text{O}_5\text{Si}_2$								18763-21-8

$T/^\circ\text{C}$	-53.9	37.8	99.0	59P1
$\nu/(\text{mm}^2/\text{s})$	2899.	11.07	3.384	
686	$\text{C}_{32}\text{H}_{70}\text{O}_5\text{Si}_2$	1,3-bis-(4-ethyl-1-methyl-octyloxy)- 1,3-bis-(<i>tert</i>-butoxy)-1,3-dimethyl-disiloxane		18763-22-9
$T/^\circ\text{C}$	-53.9	37.8	99.0	59P1
$\nu/(\text{mm}^2/\text{s})$	12767.	10.34	2.887	
687	$\text{C}_{32}\text{H}_{70}\text{O}_7\text{Si}_2$	disilicic acid 1,1,2,2-tetrakis-(2-ethyl-butyl) ester 1,2-bis-(<i>tert</i>-butyl) ester		18763-25-2
$T/^\circ\text{C}$	-53.9	37.8	99.0	59P1
$\nu/(\text{mm}^2/\text{s})$	1225.	11.40	3.715	
688	$\text{C}_{32}\text{H}_{80}\text{O}_6\text{Si}_7$	hexadecaethyl-heptasiloxane		18763-33-2
$T/^\circ\text{C}$	20.0	38.0		58A1
$\nu/(\text{mm}^2/\text{s})$	34.59	23.90		
689	$\text{C}_{32}\text{H}_{96}\text{O}_{14}\text{Si}_{15}$	dotriacontamethyl-pentadecasiloxane		2471-11-6
$T/^\circ\text{C}$	25.0			43C1
$\nu/(\text{mm}^2/\text{s})$	9.65			
690	$\text{C}_{33}\text{H}_{34}\text{O}_2\text{Si}_3$	1,1,3,5,5-pentaphenyl-1,3,5-trimethyltrisiloxane		3390-61-2
T/K	343.15			83L2
$\eta/(\text{mPa s})$	18.34			
691	$\text{C}_{33}\text{H}_{34}\text{O}_2\text{Si}_3$	1,3,5,5,5-pentaphenyl-1,1,3-trimethyl-trisiloxane		67103-01-9
$T/^\circ\text{C}$	70.0			78L1
$\eta/(\text{mPa s})$	22.12			
692	$\text{C}_{33}\text{H}_{68}\text{Si}$	1,1-ditetradecyl-silinanane		18876-35-2
$T/^\circ\text{C}$	37.8	98.9	204.4	61B1
$\nu/(\text{mm}^2/\text{s})$	23.9	5.25	1.51	
693	$\text{C}_{33}\text{H}_{69}\text{FSi}$	fluoro-(3,5,5-trimethyl-hexyl)-didodecyl-silane		2710-53-4
$T/^\circ\text{C}$	25.0	40.0		62S1
$\eta/(\text{mPa s})$	26.329	14.693		

694	C₃₃H₇₀Si	dodecyl-triheptyl-silane				18876-38-5	
<i>T</i> /°C	-53.9	-40.0	-17.8	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	5345.	1294.	225.8	16.44	3.90	1.21	
695	C₃₄H₆₂O₉Si₂	<i>cis</i>-but-2-enedioic acid 2-ethyl-hexyl ester 3-(2-(3-(3-(2-ethyl-hexyloxycarbonyl)-acryloyloxy)-propyl)- 1,1,2,2-tetramethyl-disiloxanyl)-propyl ester				88351-34-2	
<i>T</i> /°C	20.0						85G1
<i>η</i> /(mPa s)	71.0						
696	C₃₄H₇₂Si	didodecyl-dipentyl-silane				103391-16-8	
<i>T</i> /°C	37.8	98.9	204.4				61B1
<i>v</i> /(mm ² /s)	18.77	4.29	1.23				
697	C₃₄H₇₄O₅Si₂	1,3-dimethyl-1,1,3,3-tetrakis-(1-methyl-heptyloxy)- disiloxane				18759-27-8	
<i>T</i> /°C	-53.9	37.8	99.0				59P1
<i>v</i> /(mm ² /s)	1477.	7.10	2.30				
698	C₃₄H₇₄O₅Si₂	1,1,3,3-tetrakis-(2-ethyl-butoxy)-1,3-dipentyl- disiloxane				18759-29-0	
<i>T</i> /°C	-53.9	37.8	99.0				59P1
<i>v</i> /(mm ² /s)	1194.	11.37	3.652				
699	C₃₄H₇₄O₇Si₂	disilicic acid 1,1,2,2-tetrakis-(2-ethyl-butyl) ester 1,2-bis-(<i>tert</i>-pentyl) ester				118873-63-5	
<i>T</i> /°C	-53.9	37.8	99.0				59P1
<i>v</i> /(mm ² /s)	1458.	12.74	3.687				
700	C₃₅H₃₀F₂₄O₄Si₃	1,5-bis-[(2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptyl)oxy]- 1,3,5-trimethyl-1,3,5-triphenyl-trisiloxane				67900-58-7	
<i>T</i> /°C	20.0						78L2
<i>η</i> /(mPa s)	133.2						
701	C₃₆H₂₈Si	bis-(biphenyl-4-yl)-diphenyl-silane				3172-33-6	

$T/^\circ\text{C}$	149.0	232.0		59A1
$\eta/(\text{mPa}\cdot\text{s})$	8.0	1.0		
702	$\text{C}_{36}\text{H}_{60}\text{O}_4\text{Si}$		silicic acid bis-(2-ethyl-hexyl) ester bis-(2,6-diethyl-phenyl) ester	18845-81-3
$T/^\circ\text{C}$	20.0	50.0	70.0	55F1
$\nu/(\text{mm}^2/\text{s})$	42.4	14.1	8.2	
703	$\text{C}_{36}\text{H}_{63}\text{N}_3\text{O}_4\text{Si}_5$		3,5,7-tris-(N-ethyl-anilinomethyl)-1,1,1,3,5,7,9,9,9-nonamethyl-pentasiloxane	18845-85-7
$T/^\circ\text{C}$	20.0			59G1
$\nu/(\text{mm}^2/\text{s})$	764.8			
704	$\text{C}_{36}\text{H}_{75}\text{FSi}$		fluoro-tridodecyl-silane	470-92-8
$T/^\circ\text{C}$	25.0	40.0		62S1
$\eta/(\text{mPa}\cdot\text{s})$	26.363	12.480		
705	$\text{C}_{36}\text{H}_{76}\text{O}_4\text{Si}$		silicic acid tetranonyl ester	18817-76-0
$T/^\circ\text{C}$	25.0			58K1
$\nu/(\text{mm}^2/\text{s})$	16.0			
706	$\text{C}_{36}\text{H}_{76}\text{O}_4\text{Si}$		silicic acid tetrakis-(3,5,5-trimethyl-hexyl) ester	7794-64-1
$T/^\circ\text{C}$	-40.0	37.8	98.9	53M1
$\nu/(\text{mm}^2/\text{s})$	695.	11.4	3.41	
707	$\text{C}_{36}\text{H}_{76}\text{Si}$		didodecyl-dihexyl-silane	18817-85-1
$T/^\circ\text{C}$	37.8	98.9	204.4	61B1
$\nu/(\text{mm}^2/\text{s})$	21.22	4.72	1.42	
708	$\text{C}_{36}\text{H}_{78}\text{O}_5\text{Si}_2$		1,3-bis-(<i>tert</i>-butoxy)-1,3-dimethyl- 1,3-bis-(11-methyl-dodecyloxy)-disiloxane	18848-37-8
$T/^\circ\text{C}$	-53.9	37.8	99.0	59P1
$\nu/(\text{mm}^2/\text{s})$	29822.	16.17	3.913	
709	$\text{C}_{36}\text{H}_{78}\text{O}_5\text{Si}_2$		1,3-diethyl-1,1,3,3-tetrakis-(1-methyl-heptyloxy)- disiloxane	18843-86-2

$T/^\circ\text{C}$	-53.9	37.8	99.0	59P1
$\nu/(\text{mm}^2/\text{s})$	1537.	8.67	2.71	
710	$\text{C}_{36}\text{H}_{78}\text{O}_5\text{Si}_2$	1,3-diethyl-1,1,3,3-tetrakis-(2-ethyl-hexyloxy)-disiloxane		18848-38-9
$T/^\circ\text{C}$	-53.9	37.8	99.0	59P1
$\nu/(\text{mm}^2/\text{s})$	1053.	8.397	2.801	
711	$\text{C}_{36}\text{H}_{78}\text{O}_6\text{Si}_2$	8,8,9,9-tetrakis-(heptyloxy)-7,10-dioxa-8,9-disilahexadecane		18843-87-3
$T/^\circ\text{C}$	37.8	99.0		48S1
$\nu/(\text{mm}^2/\text{s})$	7.94	2.80		
712	$\text{C}_{36}\text{H}_{78}\text{O}_7\text{Si}_2$	disilicic acid hexahexyl ester		4764-27-6
$T/^\circ\text{C}$	37.8	99.0		48S2
$\nu/(\text{mm}^2/\text{s})$	6.62	2.45		
713	$\text{C}_{36}\text{H}_{78}\text{O}_7\text{Si}_2$	disilicic acid hexakis-(2-ethyl-butyl) ester		1476-03-5
$T/^\circ\text{C}$	-53.9	37.8	99.0	59P1
$\nu/(\text{mm}^2/\text{s})$	560.3	9.273	3.365	
714	$\text{C}_{36}\text{H}_{90}\text{O}_7\text{Si}_8$	octadecaethyl-octasiloxane		18844-01-4
$T/^\circ\text{C}$	20.0	38.0		58A1
$\nu/(\text{mm}^2/\text{s})$	48.63	33.55		
715	$\text{C}_{37}\text{H}_{68}\text{O}_6\text{Si}_2$	bis-(tricyclohexyloxysilanyl)-methane		18825-73-5
$T/^\circ\text{C}$	25.0			52T1
$\eta/(\text{mPa s})$	3850.			
716	$\text{C}_{37}\text{H}_{76}\text{Si}$	1,1-dihexadecyl-silinanane		18821-86-8
$T/^\circ\text{C}$	37.8	98.9	204.4	61B1
$\nu/(\text{mm}^2/\text{s})$	31.5	6.37	1.81	
717	$\text{C}_{37}\text{H}_{78}\text{O}_4\text{Si}$	silicic acid tris-(4-ethyl-1-methyl-octyl) ester <i>tert</i>-butyl ester		18821-88-0
$T/^\circ\text{C}$	-53.9	37.8	99.0	59P1
$\nu/(\text{mm}^2/\text{s})$	48645.	15.29	3.45	

718	C₃₈H₅₀Cl₈O₅Si₆	3,5,7,9-tetraethyl-3,5,7,9-tetrakis-(2,4-dichloro-phenyl)-1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1-hexamethyl-hexasiloxane				118873-58-8
<i>T</i> /°C	20.0					57A1
<i>η</i> /(mPa s)	711.2					
719	C₃₈H₅₄Cl₄O₅Si₆	3,5,7,9-tetraethyl-3,5,7,9-tetrakis-(4-chloro-phenyl)-1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1-hexamethyl-hexasiloxane				118873-59-9
<i>T</i> /°C	20.0					57A1
<i>η</i> /(mPa s)	309.4					
720	C₃₈H₈₀Si	didodecyl-diheptyl-silane				18919-99-8
<i>T</i> /°C	-17.8	37.8	98.9	204.4		61B1
<i>v</i> /(mm ² /s)	355.8	21.91	4.86	1.43		
721	C₃₈H₉₈O₅Si₁₀	eicosa-Si-methyl-3,10,17,24,31-pentaoxa-2,4,9,11,16,18,23,25,30,32-decasila-tritriacontane				18856-28-5
<i>T</i> /°C	0.0	20.0	60.0			55S3
<i>η</i> /(mPa s)	42.02	19.65	7.08			
722	C₃₉H₈₂Si	dodecyl-trinonyl-silane				18848-86-7
<i>T</i> /°C	-17.8	37.8	98.9	204.4		61B1
<i>v</i> /(mm ² /s)	343.8	21.9	4.89	1.56		
723	C₃₉H₈₆O₃Si₃	5,5,11,11-tetrabutyl-8-tributylsilanyloxy-6,10-dioxa-5,11-disila-pentadecane				18848-88-9
<i>T</i> /°C	20.0	40.0	60.0	80.0	100.0	53B2
<i>v</i> /(mm ² /s)	38.232	18.238	11.045	6.872	4.818	
724	C₄₀H₄₂O₃Si₄	1,3,5,7-tetramethyl-1,1,3,5,7,7-hexaphenyl-tetrasiloxane				38421-40-8
<i>T</i> /K	343.15					83L2
<i>η</i> /(mPa s)	29.25					
<i>T</i> /°C	70.0					78L1
<i>η</i> /(mPa s)	29.25					
725	C₄₀H₅₆O₄Si₄	2,4,6,8-tetramethyl-2,4,6,8-tetrakis-(2-phenyl-propyl)-				

			cyclotetrasiloxane		18846-41-8
$T/^\circ\text{C}$	25.0				59R1
$\nu/(\text{mm}^2/\text{s})$	200.				
726	C₄₀H₈₄O₄Si		silicic acid tetradecyl ester		18845-54-0
$T/^\circ\text{C}$	30.0	80.0			89A1
$\nu/(\text{mm}^2/\text{s})$	13.58	6.58			
$T/^\circ\text{C}$	37.8	98.9			53M1
$\nu/(\text{mm}^2/\text{s})$	12.1	3.66			
727	C₄₀H₈₄O₄Si		silicic acid tetrakis-(2-isopropyl-5-methyl-hexyl) ester		
$T/^\circ\text{C}$	-40.0	37.8	98.9		55M1
$\nu/(\text{mm}^2/\text{s})$	5450.	17.16	3.80		
728	C₄₀H₈₄Si		didodecyl-dioctyl-silane		3605-85-4
$T/^\circ\text{C}$	-17.8	37.8	98.9	204.4	61B1
$\nu/(\text{mm}^2/\text{s})$	407.8	24.80	5.36	1.57	
729	C₄₀H₈₆O₇Si₂		disilicic acid 1,1,2,2-tetrakis-(2-ethyl-hexyl) ester 1,2-bis-(tert-butyl) ester		121235-66-3
$T/^\circ\text{C}$	-53.9	37.8	99.0		59P1
$\nu/(\text{mm}^2/\text{s})$	3348.	12.35	3.553		
730	C₄₁H₈₄Si		1,1-dioctadecyl-silane		18847-97-7
$T/^\circ\text{C}$	37.8	98.9	204.4		61B1
$\nu/(\text{mm}^2/\text{s})$	40.5	7.80	2.18		
731	C₄₂H₁₈F₇₂O₇Si₂		disilicic acid hexakis-(1H,1H,7H-dodecafluoro- heptyl) ester		429-19-6
$T/^\circ\text{C}$	-35.0	25.0	85.0		58K1
$\nu/(\text{mm}^2/\text{s})$	7500.	81.0	13.3		
732	C₄₂H₃₂Si		tris-(biphenyl-4-yl)-phenyl-silane		3325-28-8
$T/^\circ\text{C}$	149.0	232.0			59A1
$\eta/(\text{mPa s})$	40.0	1.0			

733	C₄₂H₈₈Si		didodecyl-dinonyl-silane	18862-13-0
<i>T</i> /°C	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	25.70	5.49	1.59	
734	C₄₂H₈₈Si		dodecyl-tridecyl-silane	18862-12-9
<i>T</i> /°C	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	27.0	5.66	1.57	
735	C₄₂H₉₀O₇Si₂		disilicic acid hexaheptyl ester	6881-69-2
<i>T</i> /°C	-35.0	25.0	85.0	58K1
<i>v</i> /(mm ² /s)	130.	11.0	3.41	
736	C₄₄H₉₂O₄Si		silicic acid tetrakis-(4-ethyl-1-methyl-octyl) ester	
<i>T</i> /°C	38.0	99.0		50C1
<i>η</i> /(mPa s)	19.0	4.0		
737	C₄₄H₉₂Si		didecyl-didodecyl-silane	18828-81-4
<i>T</i> /°C	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	29.50	6.10	1.66	
738	C₄₅H₉₄Si		dodecyl-triundecyl-silane	18829-03-3
<i>T</i> /°C	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	31.0	6.25	1.62	
739	C₄₆H₉₆Si		didodecyl-diundecyl-silane	18827-23-1
<i>T</i> /°C	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	32.10	6.68	1.75	
740	C₄₈H₃₆Si		tetrakis-(biphenyl-4-yl)-silane	3352-54-3
<i>T</i> /°C	232.0			59A1
<i>η</i> /(mPa s)	500.			
741	C₄₈H₅₄Cl₄O₉Si₆		1,11-bis-(2,4-dichloro-benzoyloxymethyl)-1,1,3,5,7,9,11,11-octamethyl-3,5,7,9-tetraphenyl-hexasiloxane	119722-21-3

$T/^\circ\text{C}$	24.0			54D1
$\nu/(\text{mm}^2/\text{s})$	188.			
742	$\text{C}_{48}\text{H}_{54}\text{Cl}_4\text{O}_9\text{Si}_6$	1,11-bis-(3,4-dichloro-benzoyloxymethyl)-1,1,3,5,7,9,11,11-octamethyl-3,5,7,9-tetraphenyl-hexasiloxane		119722-22-4
$T/^\circ\text{C}$	25.0			54D1
$\nu/(\text{mm}^2/\text{s})$	621.			
743	$\text{C}_{48}\text{H}_{100}\text{O}_4\text{Si}$	silicic acid tetradodecyl ester		18840-77-2
$T/^\circ\text{C}$	30.0	80.0		89A1
$\nu/(\text{mm}^2/\text{s})$	20.63	9.43		
$T/^\circ\text{C}$	37.8	98.9		53M1
$\nu/(\text{mm}^2/\text{s})$	18.5	4.90		
744	$\text{C}_{48}\text{H}_{100}\text{O}_4\text{Si}$	silicic acid tetrakis-(1,3-diisobutyl-butyl) ester		
$T/^\circ\text{C}$	37.8	98.9		53M1
$\nu/(\text{mm}^2/\text{s})$	30.5	4.90		
745	$\text{C}_{48}\text{H}_{100}\text{O}_4\text{Si}$	silicic acid tetrakis-(2-ethyl-decyl) ester		
$T/^\circ\text{C}$	-40.0	37.8	98.9	55M1
$\nu/(\text{mm}^2/\text{s})$	2610.	20.23	4.80	
746	$\text{C}_{48}\text{H}_{100}\text{Si}$	tetradodecyl-silane		17890-48-1
$T/^\circ\text{C}$	37.8	98.9	204.4	61B1
$\nu/(\text{mm}^2/\text{s})$	35.1	6.96	1.84	
747	$\text{C}_{48}\text{H}_{102}\text{O}_6\text{Si}_2$	hexakis-(2-ethyl-hexyloxy)-disilane		17890-46-9
$T/^\circ\text{C}$	99.0			48S1
$\eta/(\text{mPa}\cdot\text{s})$	4.99			
$T/^\circ\text{C}$	37.8			48S1
$\nu/(\text{mm}^2/\text{s})$	17.49			
748	$\text{C}_{48}\text{H}_{102}\text{O}_6\text{Si}_2$	hexakis-octyloxy-disilane		17890-45-8
$T/^\circ\text{C}$	37.8	99.0		48S1
$\nu/(\text{mm}^2/\text{s})$	13.16	3.98		

749	C₄₈H₁₀₂O₇Si₂	disilicic acid hexakis-(2-ethyl-hexyl) ester		17890-41-4
<i>T</i> /°C	37.8	99.0		48S2
<i>v</i> /(mm ² /s)	13.37	4.17		
750	C₄₈H₁₀₂O₇Si₂	disilicic acid hexakis-(1-methyl-heptyl) ester		17890-43-6
<i>T</i> /°C	-53.9	37.8	99.0	59P1
<i>v</i> /(mm ² /s)	3521.	12.31	3.491	
<i>T</i> /°C	37.8	99.0		48S2
<i>v</i> /(mm ² /s)	18.34	4.67		
751	C₄₈H₁₀₂O₇Si₂	disilicic acid hexaoctyl ester		17890-42-5
<i>T</i> /°C	37.8	99.0		48S2
<i>v</i> /(mm ² /s)	18.34	4.67		
752	C₅₂H₁₀₈Si	didodecyl-ditetradecyl-silane		18822-42-9
<i>T</i> /°C	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	41.80	8.14	2.11	
753	C₅₄H₁₁₂Si	dodecyl-tritetradecyl-silane		18822-17-8
<i>T</i> /°C	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	44.7	8.44	2.16	
754	C₆₀H₁₂₄Si	didodecyl-dioctadecyl-silane		18849-39-3
<i>T</i> /°C	37.8	98.9	204.4	61B1
<i>v</i> /(mm ² /s)	47.40	8.90	2.34	
755	C₇₂H₁₇₆O₁₆Si₁₆	2,4,6,8,10,12,14,16-octahexyl-2,4,6,8,10,12,14,16-octakis[(trimethylsilyl)oxy]-cyclooctasiloxane		82491-84-7
<i>T</i> /°C	20.0			82I1
<i>v</i> /(mm ² /s)	15000.			

2.1.5 Organophosphorous compounds

756	CH₃ClFOP	methylchlorofluorophosphine oxide							753-71-9	
<i>T</i> /°C	25.0	35.0	50.0							60Z1
<i>v</i> /(mm ² /s)	0.82	0.71	0.59							
757	CH₃Cl₂OP	methyl-phosphonic acid dichloride							676-97-1	
<i>T</i> /°C	25.0	35.0	50.0							60Z1
<i>v</i> /(mm ² /s)	1.39	1.16	0.93							
758	CH₃F₂OP	methyl-phosphonic acid difluoride							676-99-3	
<i>T</i> /°C	25.0	35.0	50.0							60Z1
<i>v</i> /(mm ² /s)	0.57	0.50	0.42							
759	C₂H₆Cl₂NOP	N,N-dimethylamino-phosphoryl chloride							677-43-0	
<i>T</i> /°C	-18.0	-10.0	0.0	18.0	25.0	40.0	60.0	75.0	65M1	
<i>η</i> /(mPa s)	5.30	3.94	3.16	2.21	2.01	1.53	1.22	1.02		
<i>T</i> /°C	-18.0	-10.0	0.0	18.0	25.0	40.0	60.0	75.0	64M1	
<i>η</i> /(mPa s)	5.30	3.94	3.16	2.21	2.01	1.53	1.22	1.02		
760	C₃H₉O₃P	phosphorous acid trimethyl ester							121-45-9	
<i>T</i> /°C	-30.0	24.7	37.8	51.8	64.4	77.9	98.9		64M1	
<i>η</i> /(mPa s)	1.323	0.547	0.474	0.413	0.369	0.331	0.292			
761	C₃H₉O₄P	phosphoric acid trimethyl ester							512-56-1	
<i>T</i> /K	293.0	294.0	295.0	296.0	297.0	298.0	299.0	302.0	99K1	
<i>η</i> /(mPa s)	2.257	2.215	2.170	2.124	2.077	2.032	1.987	1.862		
<i>T</i> /K	303.0	304.0	305.0	306.0	307.0	308.0	309.0	312.0		
<i>η</i> /(mPa s)	1.823	1.787	1.752	1.718	1.687	1.656	1.628	1.549		
<i>T</i> /K	313.0	314.0	315.0	316.0	317.0	318.0	319.0	322.0		
<i>η</i> /(mPa s)	1.526	1.503	1.482	1.461	1.441	1.423	1.405	1.355		
<i>T</i> /K	323.0	324.0	325.0	326.0	327.0	328.0	329.0	332.0		
<i>η</i> /(mPa s)	1.340	1.326	1.312	1.298	1.285	1.273	1.261	1.228		
<i>T</i> /K	333.0	334.0	335.0	336.0	337.0	338.0	339.0	342.0		
<i>η</i> /(mPa s)	1.217	1.207	1.198	1.189	1.180	1.171	1.162	1.139		
<i>T</i> /°C	20.0	25.0	30.0	35.0	40.0				32E1	
<i>η</i> /(mPa s)	2.26	2.03	1.82	1.66	1.52					

762	C₄H₁₁OP	ethyl-dimethyl-phosphine oxide							39966-25-1
<i>T</i> /°C	90.0	100.0	110.0					74K1	
<i>η</i> /(mPa s)	1.1	0.97	0.88						
763	C₄H₁₂ClN₂OP	bis-(N,N-dimethylamino)-phosphoryl chloride							1605-65-8
<i>T</i> /°C	-25.0	-20.0	-10.0	0.0	18.0	25.0	40.0	60.0	65M1
<i>η</i> /(mPa s)	15.66	12.75	9.04	6.57	4.18	3.55	2.64	1.92	
<i>T</i> /°C	75.0								
<i>η</i> /(mPa s)	1.54								
<i>T</i> /°C	-25.0	-20.0	-10.0	0.0	18.0	25.0	40.0	60.0	64M1
<i>η</i> /(mPa s)	15.66	12.75	9.04	6.57	4.18	3.55	2.64	1.92	
<i>T</i> /°C	75.0								
<i>η</i> /(mPa s)	1.54								
764	C₅H₁₀Cl₃O₃P	trichloromethyl-phosphonic acid diethyl ester							866-23-9
<i>T</i> /°C	25.0								58B3
<i>η</i> /(mPa s)	6.25								
765	C₅H₁₃O₃P	methylphosphonic acid diethyl ester							683-08-9
<i>T</i> /°C	25.0								58B3
<i>η</i> /(mPa s)	1.49								
766	C₆H₁₂Cl₃O₄P	phosphoric acid tris-(2-chloro-ethyl) ester							115-96-8
<i>T</i> /°C	20.0								81S1
<i>η</i> /(mPa s)	44.0								
<i>T</i> /°C	25.0								58B3
<i>η</i> /(mPa s)	35.70								
<i>T</i> /°C	20.0								46J1
<i>η</i> /(mPa s)	42.90								
767	C₆H₁₄FO₃P	phosphorofluoridic acid diisopropyl ester							55-91-4
<i>T</i> /°C	25.0								53F1
<i>η</i> /(mPa s)	1.323								
768	C₆H₁₅OP	triethyl-phosphine oxide							597-50-2

$T/^\circ\text{C}$	50.0	70.0	90.0						74K1
$\eta/(\text{mPa s})$	1.96	1.37	1.065						
769	$\text{C}_6\text{H}_{15}\text{O}_3\text{P}$		ethyl-phosphonic acid diethyl ester						78-38-6
$T/^\circ\text{C}$	15.0	25.0	45.0	65.0					60F1
$\eta/(\text{mPa s})$	1.627	1.330	0.9689	0.7431					
770	$\text{C}_6\text{H}_{15}\text{O}_4\text{P}$		phosphoric acid triethyl ester						78-40-0
T/K	294.0	297.5	298.5	302.0	303.1	304.1	306.4	307.0	99K1
$\eta/(\text{mPa s})$	1.769	1.716	1.700	1.640	1.619	1.602	1.560	1.546	
T/K	309.4	310.8	311.5	312.1	314.9	315.4	315.6	317.3	
$\eta/(\text{mPa s})$	1.502	1.475	1.462	1.451	1.398	1.388	1.386	1.354	
T/K	317.5	319.8	320.2	322.7	323.3	324.0	325.1	326.5	
$\eta/(\text{mPa s})$	1.341	1.309	1.301	1.258	1.248	1.234	1.216	1.193	
T/K	328.2	335.3	337.7	339.0	339.9	340.2	342.5	345.6	
$\eta/(\text{mPa s})$	1.165	1.057	1.025	1.007	0.995	0.992	0.963	0.926	
T/K	346.1	347.4	352.0						
$\eta/(\text{mPa s})$	0.921	0.906	0.858						
$T/^\circ\text{C}$	40.0	60.0	80.0						85H1
$\eta/(\text{mPa s})$	1.7	1.3	1.06						
$T/^\circ\text{C}$	25.0	35.0	45.0						78B1
$\eta/(\text{mPa s})$	1.5484	1.3208	1.1476						
$T/^\circ\text{C}$	25.0	40.0	60.0						74K1
$\eta/(\text{mPa s})$	1.63	1.25	1.01						
$T/^\circ\text{C}$	25.0	40.0	55.0						59F1
$\eta/(\text{mPa s})$	2.147	1.684	1.376						
$T/^\circ\text{C}$	20.0	25.0	30.0	35.0	40.0				32E1
$\eta/(\text{mPa s})$	1.68	1.55	1.42	1.30	1.21				
771	$\text{C}_6\text{H}_{16}\text{NO}_3\text{P}$		diethoxy-N,N-dimethylphosphoramidate						2404-03-7
$T/^\circ\text{C}$	25.0	35.0	45.0						78B1
$\eta/(\text{mPa s})$	1.6538	1.3926	1.1942						
772	$\text{C}_6\text{H}_{17}\text{N}_2\text{O}_2\text{P}$		ethoxy-N,N,N',N'-tetramethylphosphorodiamidate						2404-65-1
$T/^\circ\text{C}$	25.0	35.0	45.0						78B1
$\eta/(\text{mPa s})$	1.9640	1.6458	1.4112						

773	C₆H₁₈N₃OP	hexamethylphosphoric triamide						680-31-9	
<i>T</i> /K	285.15	290.15	295.15	300.15	305.15	310.15	315.15	320.15	97B1
<i>η</i> /(mPa s)	4.2922	3.8243	3.4351	3.1062	2.8243	2.5791	2.3633	2.1710	
<i>T</i> /K	325.15	330.15	335.15	340.15	345.15				
<i>η</i> /(mPa s)	1.9979	1.8406	1.6964	1.5635	1.4401				
<i>(smoothed values, coefficients of the fitting equation please find in the original source)</i>									
<i>T</i> /K	303.15								92P1
<i>η</i> /(mPa s)	2.928								
<i>T</i> /K	283.15	298.15	308.15	328.15					81C1
<i>η</i> /(mPa s)	4.5122	3.2068	2.6912	1.9031					
<i>T</i> /°C	25.0	35.0	45.0						78B1
<i>η</i> /(mPa s)	3.2223	2.6549	2.2459						
<i>T</i> /°C	25.0	35.0	45.0						76G1
<i>η</i> /(mPa s)	3.288	2.776	2.299						
<i>T</i> /°C	10.0	25.0							72K1
<i>η</i> /(mPa s)	4.509	3.247							
<i>T</i> /°C	10.0	18.0	25.0	40.0	60.0	75.0			64M1
<i>η</i> /(mPa s)	4.85	3.94	3.34	2.52	1.82	1.48			
<i>T</i> /°C	25.0								52U1
<i>η</i> /(mPa s)	3.40								
774	C₆H₁₈N₃P	hexamethylphosphorous triamide						1608-26-0	
<i>T</i> /°C	30.0								58S1
<i>η</i> /(mPa s)	2.72								
775	C₆H₁₈N₃PS	hexamethyl-thiophosphamide						3732-82-9	
<i>T</i> /°C	30.0								74D2
<i>η</i> /(mPa s)	5.55								
776	C₇H₉O₄P	phosphoric acid mono-(3-methyl-phenyl) ester						22987-28-6	
<i>T</i> /°C	29.0								90J1
<i>η</i> /(mPa s)	490.								
777	C₇H₁₆ClO₃P	chloromethyl-phosphonic acid dipropyl ester						6884-42-0	

$T/^\circ\text{C}$	30.0	40.5	100.0	54V1
$\eta/(\text{mPa}\cdot\text{s})$	12.0	4.1	1.6	
778	$\text{C}_7\text{H}_{17}\text{O}_3\text{P}$	methyl-phosphonic acid diisopropyl ester		1445-75-6
$T/^\circ\text{C}$	25.0	40.0	60.0	74K1
$\eta/(\text{mPa}\cdot\text{s})$	1.85	1.45	1.09	
779	$\text{C}_8\text{H}_{19}\text{O}_3\text{P}$	butyl-phosphonic acid diethyl ester		2404-75-3
$T/^\circ\text{C}$	25.0			58B3
$\eta/(\text{mPa}\cdot\text{s})$	1.98			
780	$\text{C}_8\text{H}_{19}\text{O}_4\text{P}$	phosphoric acid butyl ester diethyl ester		2737-00-0
$T/^\circ\text{C}$	9.8	24.7	35.0	48R3
$\nu/(\text{mm}^2/\text{s})$	2.73	1.97	1.61	
781	$\text{C}_8\text{H}_{19}\text{O}_4\text{P}$	phosphoric acid diethyl ester isobutyl ester		26628-97-7
$T/^\circ\text{C}$	25.0			58B3
$\eta/(\text{mPa}\cdot\text{s})$	1.90			
782	$\text{C}_8\text{H}_{20}\text{O}_7\text{P}_2$	diphosphoric acid tetraethyl ester		107-49-3
$T/^\circ\text{C}$	25.0			48H1
$\eta/(\text{mPa}\cdot\text{s})$	5.10			
783	$\text{C}_9\text{H}_{15}\text{Cl}_6\text{O}_4\text{P}$	phosphoric acid tris-(2-chloro-1-chloromethyl-ethyl) ester		13674-87-8
$T/^\circ\text{C}$	20.0			46J1
$\eta/(\text{mPa}\cdot\text{s})$	2901.			
784	$\text{C}_9\text{H}_{18}\text{Cl}_3\text{O}_4\text{P}$	phosphoric acid tris-(3-chloro-propyl) ester		1067-98-7
$T/^\circ\text{C}$	20.0			81S1
$\eta/(\text{mPa}\cdot\text{s})$	50.0			
785	$\text{C}_9\text{H}_{20}\text{ClO}_3\text{P}$	chloromethyl-phosphonic acid dibutyl ester		3074-81-5
$T/^\circ\text{C}$	30.0	40.5	100.0	54V1
$\eta/(\text{mPa}\cdot\text{s})$	16.0	4.65	1.80	

786	C₉H₂₁OP		tripropyl-phosphine oxide						1496-94-2
<i>T</i> /°C	50.0	70.0							74K1
<i>η</i> /(mPa s)	3.14	2.00							
787	C₉H₂₁O₂P		dibutyl-phosphinic acid methyl ester						7163-67-9
<i>T</i> /°C	25.0								58B3
<i>η</i> /(mPa s)	4.35								
788	C₉H₂₁O₃P		methyl-phosphonic acid dibutyl ester						2404-73-1
<i>T</i> /°C	25.0								58B3
<i>η</i> /(mPa s)	28.50								
789	C₉H₂₁O₄P		phosphoric acid diethyl ester pentyl ester						20195-08-8
<i>T</i> /°C	25.0								58B3
<i>η</i> /(mPa s)	2.54								
790	C₉H₂₁O₄P		phosphoric acid triisopropyl ester						513-02-0
<i>T</i> /K	296.6	297.7	299.4	300.8	302.2	304.0	305.1	307.3	99K1
<i>η</i> /(mPa s)	2.425	2.358	2.258	2.178	2.104	2.013	1.962	1.861	
<i>T</i> /K	308.1	310.7	311.1	314.1	317.3	317.7	320.5	321.3	
<i>η</i> /(mPa s)	1.829	1.721	1.706	1.592	1.483	1.471	1.381	1.358	
<i>T</i> /K	323.8	324.9	327.1	328.7					
<i>η</i> /(mPa s)	1.285	1.253	1.195	1.154					
<i>T</i> /°C	40.0	60.0	80.0						85H1
<i>η</i> /(mPa s)	1.7	1.3	1.02						
791	C₉H₂₁O₄P		phosphoric acid tripropyl ester						513-08-6
<i>T</i> /K	323.0	326.0	327.0	328.0	329.3	330.2	331.2	332.6	99K1
<i>η</i> /(mPa s)	2.393	2.161	2.096	2.035	1.965	1.919	1.871	1.809	
<i>T</i> /K	334.3	336.0	338.8	339.5	341.1	342.3	343.4	346.4	
<i>η</i> /(mPa s)	1.744	1.685	1.603	1.586	1.548	1.522	1.500	1.446	
<i>T</i> /K	347.8	350.8	354.2	355.0	357.0	358.0	362.0	364.0	
<i>η</i> /(mPa s)	1.424	1.383	1.344	1.335	1.315	1.306	1.272	1.256	
<i>T</i> /°C	20.0	25.0	30.0	35.0	40.0				32E1
<i>η</i> /(mPa s)	2.8329	2.5110	2.2462	2.0300	1.8359				

792	C₉H₂₂O₆P₂	methanediyl-bis-phosphonic acid tetraethyl ester	1660-94-2
<i>T</i> /°C	30.0 40.0	50.0 60.0 70.0	55K1
<i>η</i> /(mPa s)	9.82 6.75	4.97 3.87 3.06	
793	C₉H₂₇O₄PSi₃	phosphoric acid tris-(trimethylsilyl) ester	10497-05-9
lg (<i>η</i> /(mPa s)) = 669.09/(<i>T</i> /K) – 1.7046	for 305 ≤ <i>T</i> /K ≤ 382		86G1
lg (<i>η</i> /(mPa s)) = 398.04/(<i>T</i> /K) – 1.0178	for 382 ≤ <i>T</i> /K ≤ 453		86G1
794	C₁₀H₁₃O₄P	4-methyl-2-phenoxy-1,3,2-dioxaphosphorinane-2-oxide	19219-95-5
<i>T</i> /°C	37.8 98.9		50M2
<i>v</i> /(mm ² /s)	27.22 3.89		
795	C₁₀H₁₄NO₅PS	thiophosphoric acid O,O'-diethyl ester O''-(4-nitro-phenyl) ester	56-38-2
<i>T</i> /°C	25.0		51W1
<i>η</i> /(mPa s)	15.30		
796	C₁₀H₁₄NO₆P	phosphoric acid diethyl ester 4-nitro-phenyl ester	311-45-5
<i>T</i> /°C	25.0		51W1
<i>η</i> /(mPa s)	15.76		
797	C₁₀H₁₅O₃P	phenylphosphonic acid diethyl ester	1754-49-0
<i>T</i> /°C	25.0		58B3
<i>η</i> /(mPa s)	5.89		
798	C₁₀H₂₃O₂P	dibutyl-phosphinic acid ethyl ester	7100-92-7
<i>T</i> /°C	25.0		58B3
<i>η</i> /(mPa s)	4.08		
799	C₁₀H₂₃O₃P	ethyl-phosphonic acid dibutyl ester	2404-58-2
<i>T</i> /°C	25.0		58B3
<i>η</i> /(mPa s)	3.19		
800	C₁₀H₂₃O₃P	hexyl-phosphonic acid diethyl ester	16165-66-5

$T/^\circ\text{C}$	25.0					58B3
$\eta/(\text{mPa}\cdot\text{s})$	2.99					
801	$\text{C}_{10}\text{H}_{23}\text{O}_4\text{P}$	phosphoric acid dibutyl ester ethyl ester				7242-58-2
$T/^\circ\text{C}$	9.8	25.0	35.0			48R3
$\nu/(\text{mm}^2/\text{s})$	3.76	2.54	2.05			
802	$\text{C}_{10}\text{H}_{24}\text{NO}_3\text{PS}$	thiophosphoric acid S-(2-diethylamino-ethyl) ester O,O'-diethyl ester				78-53-5
$T/^\circ\text{C}$	25.0					58B1
$\eta/(\text{mPa}\cdot\text{s})$	4.85					
803	$\text{C}_{10}\text{H}_{24}\text{O}_6\text{P}_2$	ethanediyl-bis-phosphonic acid tetraethyl ester				995-32-4
$T/^\circ\text{C}$	30.0	40.0	50.0	60.0	70.0	55K1
$\eta/(\text{mPa}\cdot\text{s})$	11.00	7.71	5.70	4.46	3.38	
804	$\text{C}_{11}\text{H}_{15}\text{O}_4\text{P}$	benzoylphosphonic acid diethyl ester				3277-27-8
$T/^\circ\text{C}$	25.0					58B3
$\eta/(\text{mPa}\cdot\text{s})$	9.95					
805	$\text{C}_{11}\text{H}_{25}\text{O}_3\text{P}$	heptyl-phosphonic acid diethyl ester				17195-46-9
$T/^\circ\text{C}$	32.0	52.0			54K1	
$\eta/(\text{mPa}\cdot\text{s})$	3.326	2.145				
806	$\text{C}_{11}\text{H}_{25}\text{O}_3\text{P}$	methyl-phosphonic acid bis-(3-methyl-butyl) ester				2452-70-2
$T/^\circ\text{C}$	20.0					60Y1
$\eta/(\text{mPa}\cdot\text{s})$	4.48					
807	$\text{C}_{11}\text{H}_{26}\text{O}_6\text{P}_2$	propanediyl-bis-phosphonic acid tetraethyl ester				22401-25-8
$T/^\circ\text{C}$	30.0	40.0	50.0	60.0	70.0	55K1
$\eta/(\text{mPa}\cdot\text{s})$	15.54	10.30	6.99	5.28	4.12	
808	$\text{C}_{12}\text{H}_{15}\text{O}_2\text{P}$	phenyl-phosphonous acid diallyl ester				833-57-8
$T/^\circ\text{C}$	37.8	99.0			50S1	
$\nu/(\text{mm}^2/\text{s})$	2.68	1.05				

809	C₁₂H₁₅O₃P	phenyl-phosphonic acid diallyl ester				2948-89-2
<i>T</i> /°C	25.0					58B3
<i>η</i> /(mPa s)	5.98					
<i>T</i> /°C	25.0	70.0				45V1
<i>η</i> /(mPa s)	8.50	3.60				
810	C₁₂H₁₈Cl₃O₄P	phosphoric acid tris-(3-chloro-but-2-enyl) ester				
<i>T</i> /°C	20.0					47F1
<i>η</i> /(mPa s)	11.2					
811	C₁₂H₁₉O₃P	phenyl-phosphonic acid diisopropyl ester				7237-16-3
<i>T</i> /°C	30.0					46V1
<i>η</i> /(mPa s)	8.40					
812	C₁₂H₂₇OP	tributyl-phosphine oxide				814-29-9
<i>T</i> /°C	60.0	70.0	80.0			74K1
<i>η</i> /(mPa s)	4.62	3.51	2.81			
813	C₁₂H₂₇O₂P	dibutyl-phosphinic acid butyl ester				2950-47-2
<i>T</i> /°C	25.0					58B3
<i>η</i> /(mPa s)	5.39					
814	C₁₂H₂₇O₃P	butyl-phosphonic acid dibutyl ester				78-46-6
<i>T</i> /°C	15.0	25.0	45.0	65.0		60F1
<i>η</i> /(mPa s)	4.368	3.173	2.061	1.623		
<i>T</i> /°C	25.0					58B3
<i>η</i> /(mPa s)	3.67					
815	C₁₂H₂₇O₃P	octyl-phosphonic acid diethyl ester				1068-07-1
<i>T</i> /°C	25.0					58B3
<i>η</i> /(mPa s)	4.04					
<i>T</i> /°C	32.0	52.0				54K1
<i>η</i> /(mPa s)	3.119	2.179				

816	C₁₂H₂₇O₃PS		thiophosphoric acid O,O',O''-tributyl ester						78-47-7
<i>T</i> /°C	25.0	40.0	60.0						74K1
<i>η</i> /(mPa s)	2.93	2.17	1.56						
817	C₁₂H₂₇O₄P		phosphoric acid tributyl ester						126-73-8
<i>T</i> /K	293.0	294.0	295.0	296.0	297.0	298.0	299.0	300.0	99K1
<i>η</i> /(mPa s)	3.882	3.797	3.708	3.614	3.521	3.429	3.340	3.255	
<i>T</i> /K	301.0	302.0	303.0	304.0	305.0	306.0	307.0	308.0	
<i>η</i> /(mPa s)	3.171	3.091	3.016	2.944	2.876	2.811	2.749	2.691	
<i>T</i> /K	309.0	310.0	311.0	312.0	313.0	314.0	315.0	316.0	
<i>η</i> /(mPa s)	2.635	2.583	2.533	2.485	2.440	2.397	2.356	2.317	
<i>T</i> /K	317.0	318.0	319.0	320.0	321.0	322.0	323.0	324.0	
<i>η</i> /(mPa s)	2.280	2.245	2.211	2.179	2.148	2.119	2.091	2.064	
<i>T</i> /K	325.0	326.0	327.0	328.0	329.0	330.0	331.0	332.0	
<i>η</i> /(mPa s)	2.038	2.013	1.989	1.966	1.944	1.923	1.903	1.883	
<i>T</i> /K	333.0	334.0	335.0	336.0	337.0	338.0	339.0	340.0	
<i>η</i> /(mPa s)	1.865	1.846	1.829	1.812	1.796	1.780	1.765	1.750	
<i>T</i> /K	341.0	342.0							
<i>η</i> /(mPa s)	1.736	1.722							
<i>T</i> /°C	30.0	35.0	40.0	45.0					98S1
<i>η</i> /(mPa s)	2.970	2.680	2.430	2.210					
<i>T</i> /K	292.88	298.15	303.18	308.19	313.07	318.04	322.92	327.89	97L1
<i>η</i> /(mPa s)	3.8156	3.3440	2.9726	2.6603	2.4027	2.1757	1.9734	1.8038	
<i>T</i> /K	332.86	338.30	343.28	348.09	353.93	359.05			
<i>η</i> /(mPa s)	1.6576	1.5164	1.4012	1.3039	1.2001	1.1212			
<i>T</i> /°C	25.0	30.0	35.0	40.0	45.0				97S1
<i>η</i> /(mPa s)	3.388	2.970	2.680	2.430	2.210				
<i>T</i> /°C	25.0	30.0	35.0	40.0	45.0				94R1
<i>η</i> /(mPa s)	3.092	2.816	2.517	2.283	2.116				
<i>T</i> /K	293	313	333	353					87B1
<i>η</i> /(mPa s)	3.72	1.88	1.14	0.76					
<i>T</i> /°C	29.9	40.5	50.0	60.2	70.6	80.1	90.3	100.4	86P1
<i>η</i> /(mPa s)	2.77	2.21	1.84	1.54	1.31	1.14	0.99	0.88	
<i>T</i> /°C	110.2	120.4	130.1	140.0					
<i>η</i> /(mPa s)	0.79	0.70	0.64	0.58					
<i>T</i> /°C	40.0	60.0	80.0						85H1
<i>η</i> /(mPa s)	2.5	1.8	1.35						

$T/^\circ\text{C}$	25.0	40.0	60.0						74K1
$\eta/(\text{mPa s})$	3.22	2.37	1.68						
$T/^\circ\text{C}$	25.0								72T1
$\eta/(\text{mPa s})$	3.32								
$T/^\circ\text{C}$	-65.0	-55.0	-45.0	-35.0	-25.0	-15.0	-5.0	25.0	64M1
$\eta/(\text{mPa s})$	333.	121.	56.6	32.9	17.7	11.1	8.50	3.39	
$T/^\circ\text{C}$	35.0	45.0	65.0						
$\eta/(\text{mPa s})$	2.77	2.23	1.61						
$T/^\circ\text{C}$	20.0	25.0	30.0	35.0	40.0				32E1
$\eta/(\text{mPa s})$	3.89	3.42	3.02	2.70	2.44				
T/K	292.88	298.15	303.18	308.19	313.07	318.04	322.92	327.89	97L1
$\nu/(\text{mm}^2/\text{s})$	3.9053	3.4388	3.0706	2.7603	2.5039	2.2774	2.0747	1.9048	
T/K	332.86	338.30	343.28	348.09	353.93	359.05			
$\nu/(\text{mm}^2/\text{s})$	1.7582	1.6162	1.5001	1.4019	1.2971	1.2174			
$T/^\circ\text{C}$	25.0								72T1
$\nu/(\text{mm}^2/\text{s})$	3.42								
$T/^\circ\text{C}$	-40.0	37.8	98.9						54G1
$\nu/(\text{mm}^2/\text{s})$	40.	2.67	1.06						
$T/^\circ\text{C}$	37.8								47S1
$\nu/(\text{mm}^2/\text{s})$	2.6								

818 **$\text{C}_{12}\text{H}_{27}\text{O}_4\text{P}$** **phosphoric acid tris-(2-methyl-propyl) ester** **126-71-6**

T/K	296.6	297.6	299.7	301.1	302.9	303.8	304.6	306.2	99K1
$\eta/(\text{mPa s})$	4.412	4.219	3.884	3.686	3.436	3.325	3.238	3.056	
T/K	307.6	308.2	309.6	311.5	313.0	315.5	316.6	319.4	
$\eta/(\text{mPa s})$	2.918	2.864	2.734	2.578	2.461	2.297	2.230	2.071	
T/K	320.2	323.4	327.4	328.0	331.5	332.4	335.8	336.9	
$\eta/(\text{mPa s})$	2.035	1.890	1.740	1.722	1.622	1.598	1.521	1.500	
$T/^\circ\text{C}$	40.0	60.0	80.0						85H1
$\eta/(\text{mPa s})$	3.0	2.0	1.44						

819 **$\text{C}_{12}\text{H}_{28}\text{O}_6\text{P}_2$** **butanediyl-bis-phosphonic acid tetraethyl ester** **7203-67-0**

$T/^\circ\text{C}$	30.0	40.0	50.0	60.0	70.0				55K1
$\eta/(\text{mPa s})$	15.48	10.39	7.24	5.55	4.28				

820 **$\text{C}_{13}\text{H}_{13}\text{O}_4\text{P}$** **phosphoric acid diphenyl ester methyl ester** **115-89-9**

$T/^\circ\text{C}$	25.0					74A1
$\eta/(\text{mPa}\cdot\text{s})$	15.00					
$\ln(\eta/(\text{mPa}\cdot\text{s})) = 3150.7/(T/\text{K}) - 7.8643$ for $273 \leq T/\text{K} \leq 343$						74A1
821	$\text{C}_{13}\text{H}_{29}\text{O}_4\text{P}$	phosphoric acid 2-ethyl-hexyl ester 3-methyl-butyl ester				92154-62-6
$T/^\circ\text{C}$	25.0	50.0	75.0			46G1
$\eta/(\text{mPa}\cdot\text{s})$	210.	75.	29.			
822	$\text{C}_{13}\text{H}_{30}\text{O}_6\text{P}_2$	pentanediyl-bis-phosphonic acid tetraethyl ester				21458-48-0
$T/^\circ\text{C}$	30.0	40.0	50.0	60.0	70.0	55K1
$\eta/(\text{mPa}\cdot\text{s})$	15.49	10.48	7.26	5.59	4.33	
823	$\text{C}_{14}\text{H}_{14}\text{ClO}_4\text{P}$	phosphoric acid 2-chloro-ethyl ester diphenyl ester				5314-06-7
$T/^\circ\text{C}$	37.8	98.9				54G1
$\nu/(\text{mm}^2/\text{s})$	12.94	2.71				
824	$\text{C}_{14}\text{H}_{21}\text{O}_4\text{P}$	5-ethyl-2-phenoxy-4-propyl-1,3,2-dioxaphosphorinane-2-oxide				96982-96-6
$T/^\circ\text{C}$	37.8	98.9				50M2
$\nu/(\text{mm}^2/\text{s})$	46.02	4.47				
825	$\text{C}_{14}\text{H}_{23}\text{O}_3\text{P}$	phenyl-phosphonic acid dibutyl ester				1024-34-6
$T/^\circ\text{C}$	25.0					58B3
$\eta/(\text{mPa}\cdot\text{s})$	7.66					
$T/^\circ\text{C}$	30.0					46V1
$\eta/(\text{mPa}\cdot\text{s})$	9.10					
826	$\text{C}_{14}\text{H}_{29}\text{O}_5\text{P}$	11-dimethoxyphosphoryl-undecanoic acid methyl ester				109286-61-5
$T/^\circ\text{C}$	0.0	10.0	38.0	98.6		60S1
$\nu/(\text{mm}^2/\text{s})$	51.0	30.5	10.3	2.84		
827	$\text{C}_{14}\text{H}_{31}\text{O}_2\text{P}$	dihexyl-phosphinic acid ethyl ester				113977-19-8
$T/^\circ\text{C}$	25.0					58B3
$\eta/(\text{mPa}\cdot\text{s})$	7.57					
828	$\text{C}_{14}\text{H}_{31}\text{O}_3\text{P}$	decyl-phosphonic acid diethyl ester				16165-68-7

$T/^\circ\text{C}$	32.0	52.0		54K1
$\eta/(\text{mPa}\cdot\text{s})$	4.428	2.933		
829	$\text{C}_{14}\text{H}_{31}\text{O}_3\text{P}$	hexyl-phosphonic acid dibutyl ester		5929-66-8
$T/^\circ\text{C}$	25.0			58B3
$\eta/(\text{mPa}\cdot\text{s})$	4.63			
830	$\text{C}_{14}\text{H}_{31}\text{O}_4\text{P}$	phosphoric acid decyl ester diethyl ester		20195-16-8
$T/^\circ\text{C}$	25.0			58B3
$\eta/(\text{mPa}\cdot\text{s})$	5.92			
831	$\text{C}_{14}\text{H}_{31}\text{O}_4\text{P}$	phosphoric acid dibutyl ester hexyl ester		80421-90-5
$T/^\circ\text{C}$	25.0			58B3
$\eta/(\text{mPa}\cdot\text{s})$	3.96			
832	$\text{C}_{14}\text{H}_{31}\text{O}_5\text{P}$	phosphoric acid dibutyl ester 4-ethoxy-butyl ester		100888-67-3
$T/^\circ\text{C}$	25.0			58B3
$\eta/(\text{mPa}\cdot\text{s})$	4.58			
833	$\text{C}_{14}\text{H}_{32}\text{O}_6\text{P}_2\text{S}$	bis-(diisopropoxyphosphinylmethyl)-sulfide		109478-21-9
$T/^\circ\text{C}$	20.0			60P1
$\eta/(\text{mPa}\cdot\text{s})$	29.0			
834	$\text{C}_{14}\text{H}_{32}\text{O}_7\text{P}_2$	bis-(diisopropoxyphosphinylmethyl)-ether		106841-77-4
$T/^\circ\text{C}$	20.0			60P1
$\eta/(\text{mPa}\cdot\text{s})$	32.0			
835	$\text{C}_{15}\text{H}_{25}\text{O}_4\text{P}$	phosphoric acid 2-ethyl-hexyl ester methyl ester phenyl ester		86052-95-1
$T/^\circ\text{C}$	-40.0	37.8	98.9	50M3
$\nu/(\text{mm}^2/\text{s})$	1320.	6.95	2.01	
836	$\text{C}_{15}\text{H}_{25}\text{O}_4\text{P}$	phosphoric acid dibutyl ester cresyl ester		26446-69-5
$T/^\circ\text{C}$	25.0			72T1
$\eta/(\text{mPa}\cdot\text{s})$	7.40			

$T/^\circ\text{C}$	25.0								72T1
$\nu/(\text{mm}^2/\text{s})$	7.05								
837	C₁₅H₃₃O₄P		phosphoric acid triisopentyl ester						919-62-0
T/K	301.0	302.0	303.0	304.0	305.0	306.0	307.0	309.0	99K1
$\eta/(\text{mPa s})$	4.050	3.937	3.828	3.722	3.620	3.522	3.426	3.245	
T/K	310.0	311.0	312.0	313.0	314.0	315.0	316.0	317.0	
$\eta/(\text{mPa s})$	3.159	3.075	2.995	2.917	2.842	2.769	2.700	2.632	
T/K	318.0	319.0	320.0	321.0	322.0	323.0	324.0	325.0	
$\eta/(\text{mPa s})$	2.566	2.503	2.442	2.383	2.326	2.270	2.217	2.165	
T/K	326.0	328.0	329.0	330.0	331.0	333.0	334.0	335.0	
$\eta/(\text{mPa s})$	2.115	2.018	1.972	1.927	1.884	1.799	1.758	1.718	
T/K	336.0	337.0	338.0						
$\eta/(\text{mPa s})$	1.678	1.639	1.601						
838	C₁₆H₁₉O₄P		phosphoric acid butyl ester diphenyl ester						2752-95-6
$T/^\circ\text{C}$	25.0								58B3
$\eta/(\text{mPa s})$	12.8								
$T/^\circ\text{C}$	-40.0	37.8	98.9						54G1
$\nu/(\text{mm}^2/\text{s})$	1700.	7.30	2.02						
839	C₁₆H₁₉O₄P		phosphoric acid isobutyl ester diphenyl ester						38299-60-4
$T/^\circ\text{C}$	-40.0	37.8	98.9						54G1
$\nu/(\text{mm}^2/\text{s})$	6000.	8.53	2.16						
840	C₁₆H₂₇O₃P		phenyl-phosphonic acid dipentyl ester						20677-04-7
$T/^\circ\text{C}$	30.0								46V1
$\eta/(\text{mPa s})$	11.3								
841	C₁₆H₃₅O₃P		dodecyl-phosphonic acid diethyl ester						4844-38-6
$T/^\circ\text{C}$	32.0	52.0							54K1
$\eta/(\text{mPa s})$	6.094	3.645							
842	C₁₆H₃₅O₄P		phosphoric acid dibutyl ester octyl ester						25786-28-1
$T/^\circ\text{C}$	25.0								58B3
$\eta/(\text{mPa s})$	5.41								

843	C₁₆H₃₅O₄P		phosphoric acid bis-(2-ethyl-hexyl) ester	298-07-7
<i>T</i> /°C	40.0	60.0	80.0	85H1
<i>η</i> /(mPa s)	124.1	56.8	29.21	
844	C₁₆H₃₆O₆P₂S		bis-(2-diisopropoxyphosphinyl-ethyl)-sulfide	109262-45-5
<i>T</i> /°C	20.0			60P1
<i>η</i> /(mPa s)	25.2			
845	C₁₆H₃₆O₇P₂		bis-(2-diisopropoxyphosphinyl-ethyl)-ether	107274-67-9
<i>T</i> /°C	20.0			60P1
<i>η</i> /(mPa s)	26.4			
846	C₁₆H₃₆O₇P₂		diphosphoric acid tetrabutyl ester	1474-75-5
<i>T</i> /°C	37.8			47S1
<i>v</i> /(mm ² /s)	8.9			
847	C₁₇H₂₁O₄P		phosphoric acid 2-methyl-butyl ester diphenyl ester	
<i>T</i> /°C	37.8	98.9		54G1
<i>v</i> /(mm ² /s)	8.72	2.24		
848	C₁₇H₂₁O₄P		phosphoric acid 3-methyl-butyl ester diphenyl ester	
<i>T</i> /°C	37.8	98.9		54G1
<i>v</i> /(mm ² /s)	8.49	2.21		
849	C₁₇H₂₁O₄P		phosphoric acid pentyl ester diphenyl ester	105234-62-6
<i>T</i> /°C	37.8	98.9		54G1
<i>v</i> /(mm ² /s)	8.26	2.19		
850	C₁₇H₃₅O₅P		11-(diethoxy-phosphoryl)-undecanoic acid ethyl ester	4402-26-0
<i>T</i> /°C	-10.0	38.0	98.6	60S1
<i>v</i> /(mm ² /s)	71.3	9.09	2.64	
851	C₁₇H₃₆ClO₃P		chloromethyl-phosphonic acid bis-(2-ethyl-hexyl) ester	6851-72-5
<i>T</i> /°C	30.0	40.5	100.0	54V1

η /(mPa s)	21.0	9.85	2.7						
852	C₁₇H₃₆ClO₃P								
				chloromethyl-phosphonic acid bis-(6-methyl-heptyl) ester					
T /°C	30.0	40.5	100.0						54V1
η /(mPa s)	19.0	11.1	3.4						
853	C₁₈H₁₃Cl₂O₄P								
				phosphoric acid bis-(2-chloro-phenyl) ester phenyl ester					
T /°C	37.8								47S1
ν /(mm ² /s)	34.3								
854	C₁₈H₁₅O₃P								
				phosphorous acid triphenyl ester					
T /°C	25.0	35.0	45.0	55.0	65.0	75.0	85.0		64M1
η /(mPa s)	16.05	10.70	7.98	5.90	4.68	3.76	3.10		
855	C₁₈H₁₅O₄P								
				phosphoric acid triphenyl ester					
T /°C	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	64M1
η /(mPa s)	10.04	8.62	7.34	6.56	5.77	5.17	4.61	4.19	
T /°C	90.0								
η /(mPa s)	3.86								
T /°C	55.0								26M1
η /(mPa s)	9.50								
856	C₁₈H₁₅P								
				triphenylphosphane					
T /°C	100.0								12W1
η /(mPa s)	4.62								
T /°C	82.6	89.8	95.0	99.9	106.0	110.9	115.5	120.4	78T1
ν /(mm ² /s)	6.63	5.41	4.70	4.21	3.67	3.31	3.02	2.75	
T /°C	139.6	149.7	160.1	169.9	179.5				
ν /(mm ² /s)	2.00	1.679	1.467	1.302	1.171				
857	C₁₈H₂₃O₄P								
				phosphoric acid butyl ester dicresyl ester					
T /°C	25.0								72T1
η /(mPa s)	19.34								
T /°C	25.0								72T1
ν /(mm ² /s)	17.42								

858	C₁₈H₂₃O₄P	phosphoric acid butyl ester bis-(3-methyl-phenyl) ester		
<i>T</i> /°C	30.0			54S1
<i>η</i> /(mPa s)	21.50			
859	C₁₈H₂₃O₄P	phosphoric acid 2,2-dimethyl-butyl ester diphenyl ester		
<i>T</i> /°C	37.8	98.9		54G1
<i>v</i> /(mm ² /s)	11.29	2.56		
860	C₁₈H₂₃O₄P	phosphoric acid 2-ethyl-butyl ester diphenyl ester		89277-89-4
<i>T</i> /°C	-40.0	37.8	98.9	54G1
<i>v</i> /(mm ² /s)	4200.	8.71	2.25	
861	C₁₈H₂₃O₄P	phosphoric acid hexyl ester diphenyl ester		20026-19-1
<i>T</i> /°C	-40.0	37.8	98.9	54G1
<i>v</i> /(mm ² /s)	2400.	8.36	2.23	
862	C₁₈H₂₃O₄P	phosphoric acid 2-methyl-pentyl ester diphenyl ester		94030-47-4
<i>T</i> /°C	37.8	98.9		54G1
<i>v</i> /(mm ² /s)	8.87	2.26		
863	C₁₈H₂₃O₅P	phosphoric acid 2-butoxy-ethyl ester diphenyl ester		7332-51-6
<i>T</i> /°C	37.8	98.9		54G1
<i>v</i> /(mm ² /s)	10.66	2.56		
864	C₁₈H₃₀ClO₄P	phosphoric acid <i>sec</i>-butyl ester 4-chloro-phenyl ester 2-ethyl-hexyl ester		107821-68-1
<i>T</i> /°C	37.8	98.9		50M4
<i>v</i> /(mm ² /s)	11.0	2.40		
865	C₁₈H₃₁O₄P	phosphoric acid butyl ester 2-ethyl-hexyl ester phenyl ester		102176-30-7
<i>T</i> /°C	-40.0	37.8	98.9	50M3
<i>v</i> /(mm ² /s)	641.	6.15	1.85	
866	C₁₈H₃₁O₄P	phosphoric acid <i>sec</i>-butyl ester 2-ethyl-hexyl ester phenyl ester		

$T/^\circ\text{C}$	37.8	98.9			50M4
$\nu/(\text{mm}^2/\text{s})$	7.30	2.0			
867	$\text{C}_{18}\text{H}_{31}\text{O}_4\text{P}$		phosphoric acid butyl ester octyl ester phenyl ester		110459-55-7
$T/^\circ\text{C}$	25.0				58B3
$\eta/(\text{mPa}\cdot\text{s})$	10.2				
$T/^\circ\text{C}$	-40.0	37.8	98.9		50M3
$\nu/(\text{mm}^2/\text{s})$	410.	6.25	2.09		
868	$\text{C}_{18}\text{H}_{31}\text{O}_4\text{P}$		phosphoric acid 2-ethyl-hexyl ester isobutyl ester phenyl ester		
$T/^\circ\text{C}$	-40.0	37.8	98.9		50M3
$\nu/(\text{mm}^2/\text{s})$	1365.	6.94	1.97		
869	$\text{C}_{18}\text{H}_{37}\text{O}_6\text{P}$		phosphoric acid diethyl ester 2-lauroyloxy-ethyl ester		
$T/^\circ\text{C}$	38.0	98.6			60S1
$\nu/(\text{mm}^2/\text{s})$	5.22	1.91			
870	$\text{C}_{18}\text{H}_{39}\text{OP}$		triethyl-phosphine oxide		3084-48-8
$T/^\circ\text{C}$	40.0	60.0			74K1
$\eta/(\text{mPa}\cdot\text{s})$	16.65	7.63			
871	$\text{C}_{18}\text{H}_{39}\text{O}_3\text{P}$		decyl-phosphonic acid dibutyl ester		36378-71-9
$T/^\circ\text{C}$	25.0				58B3
$\eta/(\text{mPa}\cdot\text{s})$	7.49				
872	$\text{C}_{18}\text{H}_{39}\text{O}_3\text{P}$		tetradecyl-phosphonic acid diethyl ester		5191-09-3
$T/^\circ\text{C}$	32.0	52.0			54K1
$\eta/(\text{mPa}\cdot\text{s})$	7.815	4.706			
873	$\text{C}_{18}\text{H}_{39}\text{O}_4\text{P}$		phosphoric acid dibutyl ester decyl ester		111440-78-9
$T/^\circ\text{C}$	25.0				58B3
$\eta/(\text{mPa}\cdot\text{s})$	7.53				
874	$\text{C}_{18}\text{H}_{39}\text{O}_4\text{P}$		phosphoric acid tris-(2-ethyl-butyl) ester		3851-82-9

$T/^\circ\text{C}$	-50.0	-40.0	-30.0	-20.0	0.0	20.0	60.0		48M1
$\eta/(\text{mPa s})$	850.	234.	84.0	42.7	16.8	8.6	2.9		
875	$\text{C}_{18}\text{H}_{39}\text{O}_4\text{P}$	phosphoric acid trihexyl ester						2528-39-4	
T/K	299.0	302.9	306.9	311.0	319.5	323.0	323.9	325.5	99K1
$\eta/(\text{mPa s})$	6.460	5.870	5.318	4.806	3.916	3.612	3.536	3.414	
T/K	326.4	328.1	330.0	333.2	336.0	337.2	338.0	340.9	
$\eta/(\text{mPa s})$	3.345	3.229	3.101	2.901	2.746	2.681	2.639	2.502	
T/K	341.4	343.0	344.8	347.1	348.7	350.0	352.7	356.8	
$\eta/(\text{mPa s})$	2.479	2.412	2.340	2.253	2.197	2.154	2.070	1.959	
T/K	361.0								
$\eta/(\text{mPa s})$	1.862								
$T/^\circ\text{C}$	-50.0	-40.0	-30.0	-20.0	0.0	20.0	60.0		48M1
$\eta/(\text{mPa s})$	2000.	780.	285.	117.	28.0	11.9	3.5		
$T/^\circ\text{C}$	30.0	40.0	50.0	60.0	70.0	80.0	90.0		44S1
$\eta/(\text{mPa s})$	8.85	6.38	4.88	3.79	2.841	2.46	2.054		
876	$\text{C}_{18}\text{H}_{39}\text{O}_7\text{P}$	phosphoric acid tris-(2-butoxy-ethyl) ester						78-51-3	
$T/^\circ\text{C}$	25.0								58B3
$\eta/(\text{mPa s})$	12.2								
877	$\text{C}_{18}\text{H}_{40}\text{O}_6\text{P}_2\text{S}$	bis-(dibutyloxyphosphinylmethyl)-sulfide						132962-58-4	
$T/^\circ\text{C}$	20.0								60P1
$\eta/(\text{mPa s})$	24.8								
878	$\text{C}_{18}\text{H}_{40}\text{O}_7\text{P}_2$	bis-(dibutyloxyphosphinylmethyl)-ether						65824-64-8	
$T/^\circ\text{C}$	20.0								60P1
$\eta/(\text{mPa s})$	27.0								
879	$\text{C}_{19}\text{H}_{25}\text{O}_4\text{P}$	phosphoric acid heptyl ester diphenyl ester						29143-34-8	
$T/^\circ\text{C}$	37.8	98.9							54G1
$\nu/(\text{mm}^2/\text{s})$	8.72	2.32							
880	$\text{C}_{19}\text{H}_{25}\text{O}_4\text{P}$	phosphoric acid 3-methyl-butyl ester bis-(3-methyl-phenyl) ester							
$T/^\circ\text{C}$	30.0								54S1
$\eta/(\text{mPa s})$	23.40								

881	C₂₀H₂₅N₂O₈P	phosphoric acid 2-ethyl-hexyl ester bis-(2-nitro-phenyl) ester		
<i>T</i> /°C	37.8	98.9		54G1
<i>v</i> /(mm ² /s)	82.20	7.32		
882	C₂₀H₂₇O₄P	phosphoric acid butyl ester bis-(3,5-dimethyl-phenyl) ester		39549-40-1
<i>T</i> /°C	30.0			54S1
<i>η</i> /(mPa s)	44.60			
883	C₂₀H₂₇O₄P	phosphoric acid 2-ethyl-butyl ester ditolyl ester		
<i>T</i> /°C	37.8	98.9		54G1
<i>v</i> /(mm ² /s)	14.02	2.85		
884	C₂₀H₂₇O₄P	phosphoric acid 2-ethyl-hexyl ester diphenyl ester		1241-94-7
<i>T</i> /°C	-40.0	37.8	98.9	54G1
<i>v</i> /(mm ² /s)	5800.	10.01	2.45	
<i>T</i> /°C	-34.4			49M1
<i>v</i> /(mm ² /s)	2167.			
885	C₂₀H₂₇O₄P	phosphoric acid hexyl ester ditolyl ester		170893-86-4
<i>T</i> /°C	37.8	98.9		54G1
<i>v</i> /(mm ² /s)	13.39	2.83		
886	C₂₀H₂₇O₄P	phosphoric acid 6-methyl-heptyl ester diphenyl ester		95813-09-5
<i>T</i> /°C	-40.0	37.8	98.9	54G1
<i>v</i> /(mm ² /s)	8800.	10.87	2.61	
887	C₂₀H₂₇O₄P	phosphoric acid octyl ester diphenyl ester		115-88-8
<i>T</i> /°C	30.0			54S1
<i>η</i> /(mPa s)	19.0			
<i>T</i> /°C	-40.0	37.8	98.9	54G1
<i>v</i> /(mm ² /s)	2400.	9.73	2.51	
888	C₂₀H₃₁O₇P	2,2'-phenylphosphonyldioxy-dipropionic acid dibutyl ester		

$T/^\circ\text{C}$	20.0							52R1
$\eta/(\text{mPa}\cdot\text{s})$	52.7							
889	C₂₀H₄₁O₃P			(2-methyl-propenyl)-phosphonic acid bis-(2-ethyl-hexyl) ester				
$T/^\circ\text{C}$	20.0							48R1
$\eta/(\text{mPa}\cdot\text{s})$	21.0							
890	C₂₀H₄₁O₅P			2-diethoxyphosphoryl-dodecanoic acid butyl ester				6295-62-1
$T/^\circ\text{C}$	-50.0	-30.0	-10.0	10.0	38.0	98.6		60S1
$\nu/(\text{mm}^2/\text{s})$	7880.	595.	117.	34.1	10.5	2.57		
891	C₂₀H₄₃O₃P			hexadecyl-phosphonic acid diethyl ester				16165-71-2
$T/^\circ\text{C}$	25.0							58B3
$\eta/(\text{mPa}\cdot\text{s})$	13.4							
$T/^\circ\text{C}$	32.0	52.0						54K1
$\eta/(\text{mPa}\cdot\text{s})$	10.154	5.814						
892	C₂₀H₄₄O₆P₂S			bis-(2-dibutyloxyphosphinyl-ethyl)-sulfide				111413-64-0
$T/^\circ\text{C}$	20.0							60P1
$\eta/(\text{mPa}\cdot\text{s})$	27.5							
893	C₂₀H₄₄O₇P₂			bis-(2-dibutyloxyphosphinyl-ethyl)-ether				102155-83-9
$T/^\circ\text{C}$	20.0							60P1
$\eta/(\text{mPa}\cdot\text{s})$	20.8							
894	C₂₀H₄₄O₈P₂			phosphoric acid 1,4-butanediyl tetrabutyl ester				37621-37-7
$T/^\circ\text{C}$	25.0							72T1
$\eta/(\text{mPa}\cdot\text{s})$	18.57							
$T/^\circ\text{C}$	25.0							72T1
$\nu/(\text{mm}^2/\text{s})$	19.30							
895	C₂₁H₁₂F₉O₄P			phosphoric acid tris-(3-trifluoromethyl-phenyl) ester				381-26-0
$T/^\circ\text{C}$	37.8	99.0						50D1
$\nu/(\text{mm}^2/\text{s})$	13.17	2.55						

896	C₂₁H₂₁O₄P	phosphoric acid 4-isopropyl-phenyl ester diphenyl ester							55864-04-5
<i>T</i> /°C	44.5	50.5	60.0	70.0	90.0	105.0	110.0	119.0	84T1
<i>η</i> /(mPa s)	21.34	16.59	11.73	8.58	5.17	3.80	3.46	2.93	
<i>T</i> /°C	129.0	141.5	150.0	158.0	171.5	178.0	189.0	200.0	
<i>η</i> /(mPa s)	2.46	2.06	1.87	1.69	1.45	1.33	1.20	1.06	
<i>T</i> /°C	215.5	228.0	239.0						
<i>η</i> /(mPa s)	0.893	0.787	0.706						
897	C₂₁H₂₁O₄P	phosphoric acid tris-(2-methyl-phenyl) ester							78-30-8
<i>T</i> /K	290.7	291.5	292.3	293.1	294.7	296.8	297.6	298.4	99K1
<i>η</i> /(mPa s)	144.67	136.66	129.14	122.06	109.16	99.44	89.42	84.69	
<i>T</i> /K	299.2	300.0	301.6	302.8	303.6	304.4	305.2	306.0	
<i>η</i> /(mPa s)	80.42	76.04	68.34	63.13	59.90	56.86	53.98	51.26	
<i>T</i> /K	307.6	308.8	309.6	310.4	311.2	312.8	313.6	314.8	
<i>η</i> /(mPa s)	46.26	42.87	40.76	38.76	36.87	33.39	31.79	29.54	
<i>T</i> /K	315.6	316.4	318.0	319.6					
<i>η</i> /(mPa s)	28.14	26.81	24.36	22.15					
<i>T</i> /°C	25.0	40.0	55.0						57F1
<i>η</i> /(mPa s)	138.6	70.06	36.48						
<i>T</i> /°C	20.0	90.0							51Y1
<i>η</i> /(mPa s)	163.3	6.70							
<i>T</i> /°C	25.0	30.0	40.0						32E1
<i>η</i> /(mPa s)	86.6551	61.0128	32.7332						
<i>T</i> /°C	20.0	30.0	40.0	50.0	60.0	80.0			30B1
<i>η</i> /(mPa s)	95.1	47.9	27.7	17.7	12.2	6.7			
<i>T</i> /°C	25.0	80.0							52J1
<i>ν</i> /(mm ² /s)	101.	7.10							
898	C₂₁H₂₁O₄P	phosphoric acid tris-(3-methyl-phenyl) ester							563-04-2
<i>T</i> /K	300.5	302.0	303.5	305.0	307.1	308.6	310.1	311.6	99K1
<i>η</i> /(mPa s)	44.13	40.78	37.76	35.04	31.66	29.51	27.55	25.78	
<i>T</i> /K	313.7	315.2	316.7	318.2	320.3	321.8	323.3	324.8	
<i>η</i> /(mPa s)	23.55	22.12	20.81	19.61	18.10	17.12	16.22	15.38	
<i>T</i> /K	326.9	329.9	332.9	334.4	335.9	337.4	339.5	342.5	
<i>η</i> /(mPa s)	14.32	12.99	11.85	11.34	10.86	10.42	9.850	9.120	
<i>T</i> /K	346.1	350.6	355.7	360.8	365.3	368.5	371.7		
<i>η</i> /(mPa s)	8.370	7.57	6.83	6.23	5.79	5.52	5.28		

$T/^\circ\text{C}$	20.0	90.0							51Y1
$\eta/(\text{mPa s})$	84.0	6.0							
$T/^\circ\text{C}$	25.0	80.0							52J1
$\nu/(\text{mm}^2/\text{s})$	47.0	5.70							

899	C₂₁H₂₁O₄P	phosphoric acid tris-(4-methyl-phenyl) ester							78-32-0
T/K	353.5	354.1	355.3	356.5	357.7	358.9	359.6	360.8	99K1
$\eta/(\text{mPa s})$	7.24	7.14	6.94	6.74	6.55	6.37	6.27	6.10	
T/K	361.4	362.0	363.2	364.4	365.0	366.2	367.4	368.6	
$\eta/(\text{mPa s})$	6.01	5.93	5.77	5.62	5.54	5.40	5.25	5.12	
T/K	369.2	371.0	372.2	373.4	374.6	375.8	376.4	377.0	
$\eta/(\text{mPa s})$	5.05	4.86	4.73	4.61	4.50	4.38	4.33	4.28	
T/K	378.2	379.4	380.6	381.8	382.4	383.0			
$\eta/(\text{mPa s})$	4.22	4.07	3.97	3.88	3.83	3.78			
$T/^\circ\text{C}$	40.0	60.0	80.0						85H1
$\eta/(\text{mPa s})$	29.3	13.6	7.00						
$T/^\circ\text{C}$	82.6	115.3	125.9	134.3	142.6	162.0	180.0	188.0	78G1
$\eta/(\text{mPa s})$	7.15	2.82	2.26	2.10	1.95	1.53	1.36	1.13	
$T/^\circ\text{C}$	206.0	238.8							
$\eta/(\text{mPa s})$	0.969	0.772							
$T/^\circ\text{C}$	-4.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	51W2
$\eta/(\text{mPa s})$	1290.	658.	216.	94.8	48.0	28.0	18.1	12.5	
$T/^\circ\text{C}$	70.0	80.0							
$\eta/(\text{mPa s})$	9.13	6.94							
$T/^\circ\text{C}$	70.0	80.0	90.0						51Y1
$\eta/(\text{mPa s})$	9.2	7.0	5.8						
$T/^\circ\text{C}$	37.8	98.9							54G1
$\nu/(\text{mm}^2/\text{s})$	35.11	4.37							
$T/^\circ\text{C}$	80.0								52J1
$\nu/(\text{mm}^2/\text{s})$	5.8								

900	C₂₁H₂₉O₄P	phosphoric acid bis-(3,5-dimethyl-phenyl) ester 3-methyl-butyl ester							
$T/^\circ\text{C}$	30.0								54S1
$\eta/(\text{mPa s})$	38.6								

901	C₂₁H₂₉O₄P	phosphoric acid diphenyl ester 3,5,5-trimethyl-hexyl ester							
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$T/^\circ\text{C}$	-40.0	37.8	98.9		54G1
$\nu/(\text{mm}^2/\text{s})$	13800.	12.30	2.91		
902	C₂₁H₄₃O₅P		11-dibutoxyphosphoryl-undecanoic acid ethyl ester		117888-30-9
$T/^\circ\text{C}$	-10.0	10.0	38.0	98.6	60S1
$\nu/(\text{mm}^2/\text{s})$	86.0	30.2	11.0	3.01	
903	C₂₁H₄₅OP		triheptyl-phosphine oxide		17262-51-0
$T/^\circ\text{C}$	50.0	60.0	70.0		74K1
$\eta/(\text{mPa s})$	13.36	9.88	6.90		
904	C₂₂H₂₃O₄P		phosphoric acid 4-tert-butyl-phenyl ester diphenyl ester		981-40-8
$T/^\circ\text{C}$	37.8				47S1
$\nu/(\text{mm}^2/\text{s})$	40.3				
905	C₂₂H₃₁O₄P		phosphoric acid 2-butyl-hexyl ester diphenyl ester		153005-27-7
$T/^\circ\text{C}$	37.8	98.9			54G1
$\nu/(\text{mm}^2/\text{s})$	12.37	2.79			
906	C₂₂H₃₁O₄P		phosphoric acid decyl ester diphenyl ester		14167-87-4
$T/^\circ\text{C}$	-40.0	37.8	98.9		54G1
$\nu/(\text{mm}^2/\text{s})$	3100.	11.54	2.87		
907	C₂₂H₃₁O₄P		phosphoric acid 2-ethyl-hexyl ester ditolyl ester		31290-48-9
$T/^\circ\text{C}$	37.8	98.9			54G1
$\nu/(\text{mm}^2/\text{s})$	16.94	3.17			
908	C₂₂H₃₁O₄P		phosphoric acid octyl ester bis-(3-methylphenyl) ester		
$T/^\circ\text{C}$	30.0				54S1
$\eta/(\text{mPa s})$	28.2				
909	C₂₂H₃₁O₄P		phosphoric acid octyl ester ditolyl ester		137321-96-1
$T/^\circ\text{C}$	37.8	98.9			54G1
$\nu/(\text{mm}^2/\text{s})$	15.30	3.15			

910	C₂₂H₃₁O₆P	phosphoric acid 2-ethyl-hexyl ester bis-(2-methoxy-phenyl) ester		95170-81-3
<i>T</i> /°C	37.8	98.9		54G1
<i>v</i> /(mm ² /s)	84.9	6.26		
911	C₂₂H₃₉O₃P	phenyl-phosphonic acid bis-(2-ethyl-hexyl) ester		3151-39-1
<i>T</i> /°C	20.0			48R1
<i>η</i> /(mPa s)	27.0			
<i>T</i> /°C	30.0			46V1
<i>η</i> /(mPa s)	27.0			
<i>T</i> /°C	37.8			47S1
<i>v</i> /(mm ² /s)	11.5			
912	C₂₂H₃₉O₃P	phenyl-phosphonic acid dioctyl ester		1754-47-8
<i>T</i> /°C	25.0			58B3
<i>η</i> /(mPa s)	18.0			
913	C₂₂H₃₉O₃PS₂	phenyl-phosphonic acid bis-[3-(3-methyl-butylsulfanyl)-propyl] ester		
<i>T</i> /°C	37.8	99.0		50S2
<i>v</i> /(mm ² /s)	18.70	3.91		
914	C₂₂H₃₉O₄P	phosphoric acid 2-ethyl-hexyl ester 1-methyl-heptyl ester phenyl ester		
<i>T</i> /°C	-40.0	37.8	98.9	50M4
<i>v</i> /(mm ² /s)	1710.	8.60	2.30	
915	C₂₂H₄₀O₈P₂	phosphoric acid 1,4-phenylene tetrabutyl ester		27138-99-4
<i>T</i> /°C	25.0			72T1
<i>η</i> /(mPa s)	31.65			
<i>T</i> /°C	25.0			72T1
<i>v</i> /(mm ² /s)	28.85			
916	C₂₂H₄₅O₅P	dodecanoic acid 2-(dibutoxy-phosphoryl)-ethyl ester		101548-16-7
<i>T</i> /°C	10.0	38.0	98.6	60S1
<i>v</i> /(mm ² /s)	33.9	11.2	2.98	

917	C₂₂H₄₇O₃P	octadecyl-phosphonic acid diethyl ester					16165-72-3
<i>T</i> /°C	32.0	52.0				54K1	
<i>η</i> /(mPa s)	12.469	6.943					
918	C₂₃H₄₇O₅P	11-dibutoxyphosphoryl-undecanoic acid butyl ester					6936-49-8
<i>T</i> /°C	-20.0	-10.0	10.0	38.0	98.6	60S1	
<i>v</i> /(mm ² /s)	250.	108.	37.5	13.2	3.37		
919	C₂₃H₄₇O₅P	11-diethoxyphosphoryl-undecanoic acid 2-ethyl-hexyl ester					
<i>T</i> /°C	-50.0	-30.0	-10.0	10.0	38.0	98.6	60S1
<i>v</i> /(mm ² /s)	12500.	1020.	142.	58.5	17.4	3.93	
920	C₂₃H₄₇O₅P	dodecanoic acid 3-(dibutoxy-phosphoryl)-propyl ester					114911-45-4
<i>T</i> /°C	-30.0	-10.0	10.0	38.0	98.6	60S1	
<i>v</i> /(mm ² /s)	910.	100.	57.5	17.1	3.89		
921	C₂₃H₄₇O₆P	phosphoric acid dibutyl ester 3-lauroyloxy-propyl ester					
<i>T</i> /°C	38.0	98.6				60S1	
<i>v</i> /(mm ² /s)	10.7	2.97					
922	C₂₄H₃₅O₄P	phosphoric acid 2-butyl-hexyl ester ditolyl ester					
<i>T</i> /°C	37.8	98.9				54G1	
<i>v</i> /(mm ² /s)	20.05	3.53					
923	C₂₄H₃₅O₄P	phosphoric acid 2-butyl-octyl ester diphenyl ester					
<i>T</i> /°C	37.8	98.9				54G1	
<i>v</i> /(mm ² /s)	13.52	3.00					
924	C₂₄H₃₅O₄P	phosphoric acid decyl ester ditolyl ester					
<i>T</i> /°C	37.8	98.9				54G1	
<i>v</i> /(mm ² /s)	17.42	3.49					
925	C₂₄H₃₅O₄P	phosphoric acid bis-(3,5-dimethyl-phenyl) ester octyl ester					
<i>T</i> /°C	30.0					54S1	

η /(mPa s) 63.1

926 **C₂₄H₃₅O₄P** **phosphoric acid dodecyl ester diphenyl ester** **27460-02-2**

T /°C 30.0 54S1

η /(mPa s) 28.1

T /°C 37.8 98.9 54G1

ν /(mm²/s) 13.76 3.25

927 **C₂₄H₄₁O₃P** ***trans*-styrylphosphonic acid bis-(2-ethyl-hexyl) ester** **116401-90-2**

T /°C 20.0 48R1

η /(mPa s) 115.

928 **C₂₄H₄₃O₄P** **phosphoric acid butyl ester 4-ethyl-1-isobutyl-octyl ester phenyl ester**

T /°C 37.8 98.9 50M4

ν /(mm²/s) 12.30 2.50

929 **C₂₄H₄₇O₆P** **phosphoric acid diethyl ester 2-oleoyloxy-ethyl ester** **101175-22-8**

T /°C 0.0 10.0 38.0 98.6 60S1

ν /(mm²/s) 31.2 20.9 8.39 2.72

930 **C₂₄H₄₉O₃P** **(2,4,4-trimethyl-pent-1-enyl)-phosphonic acid bis-(2-ethyl-hexyl) ester** **121655-98-9**

T /°C 38.0 90.0 51N1

ν /(mm²/s) 11.90 2.73

931 **C₂₄H₄₉O₅P** **2-dibutoxyphosphoryl-dodecanoic acid butyl ester** **121600-26-8**

T /°C -60.0 -50.0 -30.0 -10.0 10.0 38.0 98.6 60S1

ν /(mm²/s) 27600. 4660. 610. 133. 40.5 12.2 2.92

932 **C₂₄H₄₉O₅P** **2-diethoxyphosphoryl-octadecanoic acid ethyl ester** **7152-35-4**

T /°C 10.0 38.0 98.6 60S1

ν /(mm²/s) 69.2 18.3 3.85

933 **C₂₄H₄₉O₅P** **2-[bis-(hexyloxy)-phosphoryl]-hexanoic acid hexyl ester** **6316-12-7**

T /°C -60.0 -50.0 -30.0 -10.0 10.0 38.0 98.6 60S1

$\nu /(\text{mm}^2/\text{s})$	3170.	835.	145.	40.4	15.7	5.86	1.84		
934	C₂₄H₅₁OP							trioctyl-phosphine oxide	78-50-2
$T / ^\circ\text{C}$	60.0	70.0							74K1
$\eta /(\text{mPa s})$	12.35	8.65							
$T / ^\circ\text{C}$	65.0	75.0	85.0	98.5					64M1
$\eta /(\text{mPa s})$	10.05	7.11	5.48	4.02					
935	C₂₄H₅₁O₃P							(2-ethyl-hexyl)-phosphonic acid bis-(2-ethyl-hexyl) ester	126-63-6
$T / ^\circ\text{C}$	15.0	25.0	45.0	65.0					60F1
$\eta /(\text{mPa s})$	18.31	11.98	6.000	3.609					
$T / ^\circ\text{C}$	37.8	93.0							53S1
$\eta /(\text{mPa s})$	8.71	2.30							
936	C₂₄H₅₁O₃P							hexadecyl-phosphonic acid dibutyl ester	84869-93-2
$T / ^\circ\text{C}$	25.0								58B3
$\eta /(\text{mPa s})$	15.7								
937	C₂₄H₅₁O₄P							phosphoric acid tris-(2-ethyl-hexyl) ester	78-42-2
$T / ^\circ\text{C}$	40.0	60.0	80.0						85H1
$\eta /(\text{mPa s})$	7.9	4.2	2.51						
$T / ^\circ\text{C}$	-60.0	-50.0	-30.0	-20.5	25.5	35.0	45.5	65.0	64M1
$\eta /(\text{mPa s})$	8080.	2560.	260.	133.	11.4	8.21	6.07	3.76	
$T / ^\circ\text{C}$	75.5								
$\eta /(\text{mPa s})$	3.12								
$T / ^\circ\text{C}$	20.0								81S1
$\eta /(\text{mPa s})$	14.0								
$T / ^\circ\text{C}$	20.0								57S2
$\eta /(\text{mPa s})$	14.0								
$T / ^\circ\text{C}$	20.0								48R1
$\eta /(\text{mPa s})$	16.74								
$T / ^\circ\text{C}$	20.0								43R1
$\eta /(\text{mPa s})$	13.8								
$T / ^\circ\text{C}$	-60.0	-50.0	-30.0	-10.0	10.0	38.0	98.6		60S1
$\nu /(\text{mm}^2/\text{s})$	11400.	2400.	340.	72.0	22.8	8.13	2.22		

$T/^\circ\text{C}$	-40.0	37.8	98.9		54G1
$\nu/(\text{mm}^2/\text{s})$	840.	7.98	2.23		
938	$\text{C}_{24}\text{H}_{51}\text{O}_4\text{P}$	phosphoric acid trioctyl ester			1806-54-8
$T/^\circ\text{C}$	37.8	98.9			54G1
$\nu/(\text{mm}^2/\text{s})$	8.48	2.56			
$T/^\circ\text{C}$	37.8				47S1
$\nu/(\text{mm}^2/\text{s})$	8.1				
939	$\text{C}_{25}\text{H}_{43}\text{O}_5\text{P}$	11-dibutoxyphosphoryl-undecanoic acid phenyl ester			122473-88-5
$T/^\circ\text{C}$	-10.0	10.0	38.0	98.6	60S1
$\nu/(\text{mm}^2/\text{s})$	393.	95.0	25.1	4.87	
940	$\text{C}_{25}\text{H}_{45}\text{O}_4\text{P}$	phosphoric acid hexadecyl ester isopropyl ester phenyl ester			
$T/^\circ\text{C}$	37.8	98.9			50M4
$\nu/(\text{mm}^2/\text{s})$	10.8	3.0			
941	$\text{C}_{25}\text{H}_{49}\text{O}_6\text{P}$	phosphoric acid diethyl ester 3-oleoyloxy-propyl ester			124109-36-0
$T/^\circ\text{C}$	38.0	98.6			60S1
$\nu/(\text{mm}^2/\text{s})$	19.8	4.61			
942	$\text{C}_{26}\text{H}_{17}\text{F}_6\text{O}_4\text{P}$	phosphoric acid biphenyl-4-yl ester bis-(3-trifluoromethyl-phenyl) ester			429-74-3
$T/^\circ\text{C}$	37.8				56R1
$\nu/(\text{mm}^2/\text{s})$	82.0				
943	$\text{C}_{26}\text{H}_{39}\text{O}_4\text{P}$	phosphoric acid 2-butyl-octyl ester ditolyl ester			
$T/^\circ\text{C}$	37.8	98.9			54G1
$\nu/(\text{mm}^2/\text{s})$	21.78	3.76			
944	$\text{C}_{26}\text{H}_{39}\text{O}_4\text{P}$	phosphoric acid dodecyl ester ditolyl ester			
$T/^\circ\text{C}$	37.8	98.9			54G1
$\nu/(\text{mm}^2/\text{s})$	20.25	3.95			
945	$\text{C}_{26}\text{H}_{51}\text{O}_6\text{P}$	phosphoric acid diethyl ester 4-oleoyloxy-butyl ester			103622-78-2

$T/^\circ\text{C}$	10.0	38.0	98.6					60S1
$\nu/(\text{mm}^2/\text{s})$	55.8	18.3	4.56					
946	$\text{C}_{26}\text{H}_{53}\text{O}_3\text{P}$	(2,4,4-trimethyl-pent-1-enyl)-phosphonic acid bis-(3,5,5-trimethyl-hexyl) ester						123776-76-1
$T/^\circ\text{C}$	38.0	90.0						51N1
$\nu/(\text{mm}^2/\text{s})$	18.5	3.75						
947	$\text{C}_{26}\text{H}_{53}\text{O}_5\text{P}$	2-diethoxyphosphoryl-octadecanoic acid butyl ester						103622-93-1
$T/^\circ\text{C}$	10.0	38.0	98.6					60S1
$\nu/(\text{mm}^2/\text{s})$	56.3	18.8	4.08					
948	$\text{C}_{26}\text{H}_{53}\text{O}_5\text{P}$	2-[bis-(hexyloxy)-phosphoryl]-dodecanoic acid ethyl ester						121936-70-7
$T/^\circ\text{C}$	-50.0	-30.0	-10.0	38.0	98.6			60S1
$\nu/(\text{mm}^2/\text{s})$	9720.	815.	161.	13.8	3.25			
949	$\text{C}_{26}\text{H}_{53}\text{O}_5\text{P}$	(2-lauroyloxy-ethyl)-phosphonic acid dihexyl ester						124120-39-4
$T/^\circ\text{C}$	-10.0	10.0	38.0	98.6				60S1
$\nu/(\text{mm}^2/\text{s})$	132.	42.8	13.9	3.50				
950	$\text{C}_{27}\text{H}_{55}\text{O}_5\text{P}$	11-(dibutoxy-phosphoryl)-undecanoic acid 2-ethyl-hexyl ester						78897-74-2
$T/^\circ\text{C}$	-40.0	-30.0	-10.0	10.0	38.0	98.6		60S1
$\nu/(\text{mm}^2/\text{s})$	2790.	960.	198.	60.9	18.7	4.44		
951	$\text{C}_{27}\text{H}_{57}\text{OP}$	trinonyl-phosphine oxide						17262-53-2
$T/^\circ\text{C}$	50.0	60.0	70.0					74K1
$\eta/(\text{mPa}\cdot\text{s})$	19.4	13.52	9.70					
952	$\text{C}_{28}\text{H}_{51}\text{O}_4\text{P}$	phosphoric acid 2-ethyl-hexyl ester dinaphthalen-2-yl ester						96275-64-8
$T/^\circ\text{C}$	37.8	98.9						54G1
$\nu/(\text{mm}^2/\text{s})$	167.3	9.26						
953	$\text{C}_{28}\text{H}_{51}\text{O}_4\text{P}$	phosphoric acid 6-methyl-heptyl ester dinaphthalen-1-yl ester						
$T/^\circ\text{C}$	37.8	98.9						54G1

ν /(mm²/s) 557.2 18.4

954 **C₂₈H₄₃O₄P** **phosphoric acid hexadecyl ester diphenyl ester** **56827-92-0**

T /°C 37.8 98.9

54G1

ν /(mm²/s) 20.70 4.70

955 **C₂₈H₄₉O₅P** **2-(diethoxy-phosphoryl)-octadecanoic acid phenyl ester** **122389-91-7**

T /°C 38.0 98.6

60S1

ν /(mm²/s) 21.8 4.40

956 **C₂₉H₅₉O₅P** **11-[bis-(2-ethyl-hexyloxy)-phosphoryl]-undecanoic acid ethyl ester** **119249-15-9**

T /°C -50.0 -30.0

-10.0 10.0 38.0 98.6

60S1

ν /(mm²/s) 17800. 1470.

177. 80.1 22.4 4.70

957 **C₂₉H₅₉O₅P** **11-[bis-(hexyloxy)-phosphoryl]-undecanoic acid hexyl ester** **121657-62-3**

T /°C -30.0 -10.0

10.0 38.0 98.6

60S1

ν /(mm²/s) 860. 193.

65.2 20.2 4.74

958 **C₃₀H₂₃O₄P** **phosphoric acid bis-(biphenyl-2-yl) ester phenyl ester** **597-79-5**

T /°C 60.0

39J1

η /(mPa s) 170.

959 **C₃₀H₆₁O₅P** **2-(diethoxy-phosphoryl)-octadecanoic acid 2-ethyl-hexyl ester** **121621-78-1**

T /°C 10.0 38.0

98.6

60S1

ν /(mm²/s) 92.0 20.2

4.26

960 **C₃₀H₆₃OP** **tridecyl-phosphine oxide** **17262-54-3**

T /°C 70.0 90.0

74K1

η /(mPa s) 11.4 6.45

961 **C₃₀H₆₃O₄P** **phosphoric acid tridecyl ester** **4200-55-9**

T /K 303.0 304.0 305.0 306.0 307.0 308.0 309.0 310.0 99K1

η /(mPa s) 15.710 15.210 14.730 14.264 13.816 13.384 12.969 12.569

T /K 312.0 313.0 314.0 315.0 316.0 317.0 318.0 319.0

η /(mPa s)	11.812	11.455	11.113	10.783	10.465	10.162	9.869	9.588
T /K	320.0	321.0	322.0	323.0	324.0	325.0	326.0	327.0
η /(mPa s)	9.318	9.060	8.811	8.573	8.342	8.123	7.912	7.708
T /K	328.0	329.0	330.0	331.0	332.0	333.0	334.0	335.0
η /(mPa s)	7.512	7.324	7.143	6.968	6.799	6.636	6.478	6.325
T /K	336.0	337.0	338.0	339.0	340.0	341.0	342.0	343.0
η /(mPa s)	6.176	6.032	5.891	5.753	5.617	5.484	5.353	5.223

962 **C₃₀H₆₃O₇P** **phosphoric acid tris-[2-(2-ethyl-hexyloxy)-ethyl] ester** **103326-90-5**

T /°C	20.0								48R1
η /(mPa s)	28.3								

963 **C₃₁H₆₃O₅P** **11-dibutoxyphosphoryl-undecanoic acid dodecyl ester** **119926-85-1**

T /°C	10.0	38.0	98.6						60S1
ν /(mm ² /s)	78.0	24.3	5.12						

964 **C₃₁H₆₃O₅P** **11-[bis-(2-ethyl-hexyloxy)-phosphoryl]-undecanoic acid butyl ester** **119926-84-0**

T /°C	-50.0	-30.0	-10.0	10.0	38.0	98.6			60S1
ν /(mm ² /s)	60900.	4950.	800.	195.	39.6	7.59			

965 **C₃₅H₇₁O₅P** **11-[bis-(2-ethyl-hexyloxy)-phosphoryl]-undecanoic acid 2-ethyl-hexyl ester** **124115-29-3**

T /°C	-50.0	-30.0	-10.0	10.0	38.0	98.6			60S1
ν /(mm ² /s)	39000.	2840.	432.	115.	30.5	5.74			

966 **C₃₆H₇₅O₄P** **phosphoric acid tridodecyl ester** **682-49-5**

T /K	315.0	316.0	317.0	318.0	319.0	320.0	321.0	322.0	99K1
η /(mPa s)	14.274	13.808	13.359	12.930	12.520	12.126	11.749	11.387	
T /K	323.0	324.0	325.0	326.0	327.0	328.0	329.0	330.0	
η /(mPa s)	11.043	10.712	10.397	10.003	9.803	9.526	9.259	9.003	
T /K	331.0	332.0	333.0	334.0	335.0	336.0	337.0	338.0	
η /(mPa s)	8.757	8.522	8.295	8.076	7.864	7.659	7.641	7.267	
T /K	339.0	340.0	341.0	342.0					
η /(mPa s)	7.079	6.895	6.715	6.537					

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3 Binary liquid mixtures

3.1 Data

3.1.1 Mixtures of inorganic and organic compounds

1	Ar (1) CH₄ (2)		argon methane					7440-37-1 74-82-8
$x_1 = 0.000$								78M2
T/K	92.0	100.5	110.3	120.0	130.6	151.0	159.5	
$\eta /(\text{mPa s})$	0.193	0.154	0.123	0.0973	0.0802	0.0515	0.0458	
$x_1 = 0.130$								78M2
T/K	100.0	120.0	140.0					
$\eta /(\text{mPa s})$	0.174	0.106	0.071					
$x_1 = 0.144$								78M2
T/K	90.0	100.0	110.0	120.0	130.0	140.0		
$\eta /(\text{mPa s})$	0.224	0.172	0.132	0.105	0.085	0.072		
$x_1 = 0.158$								78M2
T/K	100.1	120.0	140.0					
$\eta /(\text{mPa s})$	0.170	0.102	0.070					
$x_1 = 0.218$								78M2
T/K	90.0	100.0	110.0	120.1	130.0	140.0	149.4	
$\eta /(\text{mPa s})$	0.228	0.171	0.133	0.100	0.082	0.068	0.060	
$x_1 = 0.256$								78M2
T/K	100.0	120.0	140.1					
$\eta /(\text{mPa s})$	0.177	0.112	0.070					
$x_1 = 0.275$								78M2
T/K	90.0	100.0	110.0	120.0	130.0	140.0		
$\eta /(\text{mPa s})$	0.227	0.176	0.138	0.110	0.088	0.070		
$x_1 = 0.411$								78M2
T/K	90.0	100.0	110.0	120.0	130.0	140.1		
$\eta /(\text{mPa s})$	0.223	0.165	0.126	0.104	0.081	0.068		

$x_1 = 0.626$									78M2
T/K	90.0	100.0	110.0	125.0	140.0				
$\eta /(\text{mPa s})$	0.279	0.171	0.132	0.0935	0.071				
$x_1 = 0.638$									78M2
T/K	90.0	100.0	110.0	125.1	140.0				
$\eta /(\text{mPa s})$	0.223	0.167	0.129	0.090	0.069				
$x_1 = 0.792$									78M2
T/K	90.0	103.8	120.1	140.1					
$\eta /(\text{mPa s})$	0.236	0.162	0.109	0.072					
$x_1 = 1.000$									78M2
T/K	100.0	130.0							
$\eta /(\text{mPa s})$	0.182	0.085							

(at saturation vapor pressure)

2	AsCl₃ (1)		arsenic trichloride						7784-34-1
	C₂HCl₃O₂ (2)		trichloroacetic acid						76-03-9
$T/^\circ\text{C} = 20.0$									51S2
x_1	0.3924	0.5625	0.6380	0.6885	0.7474	0.8607	1.0000		
$\eta /(\text{mPa s})$	3.544	2.292	1.952	1.871	1.621	1.403	1.226		
$T/^\circ\text{C} = 35.0$									51S2
x_1	0.2211	0.3924	0.5625	0.6380	0.6885	0.7474	0.8607	1.0000	
$\eta /(\text{mPa s})$	4.039	2.592	1.801	1.556	1.479	1.361	1.153	1.050	
$T/^\circ\text{C} = 60.0$									51S2
x_1	0.000	0.0826	0.2211	0.3924	0.5625	0.6380	0.6885	0.7474	0.8607
$\eta /(\text{mPa s})$	3.865	3.248	2.276	1.595	1.219	1.051	0.993	0.952	0.851
x_1	1.0000								
$\eta /(\text{mPa s})$	0.805								
3	AsCl₃ (1)		arsenic trichloride						7784-34-1
	C₂H₃ClO₂ (2)		chloroacetic acid						79-11-8
$T/^\circ\text{C} = 50.0$									51S3
x_1	0.0000	0.1082	0.2070	0.3553	0.5243	0.5400	0.6666	0.7027	0.7840
$\eta /(\text{mPa s})$	3.091	2.650	2.191	1.756	1.387	1.340	1.140	1.084	1.003
x_1	1.0000								
$\eta /(\text{mPa s})$	0.822								
$T/^\circ\text{C} = 60.0$									51S3
x_1	0.0000	0.0432	0.0570	0.0840	0.1082	0.1434	0.2070	0.2154	0.3553
$\eta /(\text{mPa s})$	2.446	2.328	2.292	2.222	2.135	1.989	1.809	1.774	1.485

x_1	0.5243	0.5400	0.6666	0.7027	0.7840	1.0000			
$\eta /(\text{mPa s})$	1.198	1.166	1.013	0.965	0.894	0.745			
$T / ^\circ\text{C} = 70.0$									51S3
x_1	0.0000	0.0432	0.0570	0.0840	0.1082	0.1434	0.2070	0.2154	0.3553
$\eta /(\text{mPa s})$	2.051	1.955	1.902	1.844	1.779	1.678	1.541	1.521	1.281
x_1	0.5243	0.5400	0.6666	0.7027	0.7840	1.0000			
$\eta /(\text{mPa s})$	1.056	1.016	0.907	0.867	0.812	0.689			
4	AsCl₃ (1)		arsenic trichloride						7784-34-1
	C₂H₄O₂ (2)		acetic acid						64-19-7
$T / ^\circ\text{C} = 20.0$									51S3
x_2	0.0000	0.1875	0.3690	0.4710	0.5930	0.7010	0.7826	0.9012	1.0000
$\eta /(\text{mPa s})$	1.025	1.213	1.378	1.466	1.562	1.541	1.487	1.312	1.209
$T / ^\circ\text{C} = 50.0$									51S3
x_2	0.0000	0.1875	0.2710	0.3690	0.4637	0.5930	0.7010	0.7826	0.9012
$\eta /(\text{mPa s})$	0.8218	0.8728	0.9005	0.9325	0.9237	0.9820	0.9702	0.9460	0.8793
x_2	1.0000								
$\eta /(\text{mPa s})$	0.7650								
$T / ^\circ\text{C} = 60.0$									51S3
x_2	0.0000	0.1875	0.2710	0.3690	0.4637	0.5930	0.7010	0.7826	0.9012
$\eta /(\text{mPa s})$	0.7449	0.7796	0.7933	0.8191	0.8319	0.8409	0.8304	0.8120	0.7599
x_2	1.0000								
$\eta /(\text{mPa s})$	0.6500								
$T / ^\circ\text{C} = 70.0$									51S3
x_2	0.0000	0.1875	0.2710	0.4637	0.5930	0.7010	0.7826	0.9012	1.0000
$\eta /(\text{mPa s})$	0.6887	0.7024	0.7197	0.7367	0.7432	0.7277	0.7131	0.6679	0.5500
5	AsCl₃ (1)		arsenic trichloride						7784-34-1
	C₄H₁₀O (2)		ethoxy-ethane						60-29-7
$T / ^\circ\text{C} = 0.0$									32T1
x_1	0.0000	0.0643	0.1382	0.2407	0.2999	0.3562	0.4687	0.5597	0.6745
$\eta /(\text{mPa s})$	0.295	0.328	0.400	0.520	0.597	0.760	1.020	1.188	1.404
x_1	0.7798	0.8985	1.0000						
$\eta /(\text{mPa s})$	1.480	1.586	1.654						
$T / ^\circ\text{C} = 10.0$									32T1
x_1	0.0000	0.0643	0.1382	0.2407	0.2999	0.3562	0.4687	0.5597	0.6745
$\eta /(\text{mPa s})$	0.268	0.308	0.370	0.476	0.540	0.660	0.856	1.007	1.155
x_1	0.7798	0.8985	1.0000						
$\eta /(\text{mPa s})$	1.260	1.380	1.425						

$T/^\circ\text{C} = 18.0$										32T1
x_1	0.0000	0.0643	0.1382	0.2407	0.2999	0.3562	0.4687	0.5597	0.6745	
$\eta/(\text{mPa s})$	0.240	0.281	0.345	0.444	0.497	0.597	0.751	0.868	1.005	
x_1	0.7798	0.8985	1.0000							
$\eta/(\text{mPa s})$	1.108	1.228	1.259							
$T/^\circ\text{C} = 30.0$										32T1
x_1	0.0000	0.0643	0.1382	0.2407	0.2999	0.3562	0.4687	0.5597	0.6745	
$\eta/(\text{mPa s})$	0.223	0.257	0.311	0.392	0.431	0.510	0.532	0.731	0.851	
x_1	0.7798	0.8985	1.0000							
$\eta/(\text{mPa s})$	0.944	1.041	1.088							
$T/^\circ\text{C} = 40.0$										32T1
x_1	0.2999	0.3562	0.4687	0.5597	0.6745	0.7798	0.8985	1.0000		
$\eta/(\text{mPa s})$	0.393	0.443	0.552	0.630	0.743	0.822	0.915	0.967		
$T/^\circ\text{C} = 50.0$										32T1
x_1	0.2999	0.3562	0.4687	0.5597	0.6745	0.7798	0.8985	1.0000		
$\eta/(\text{mPa s})$	0.358	0.389	0.469	0.545	0.655	0.709	0.794	0.869		
6	AsCl₃ (1)		arsenic trichloride							7784-34-1
	C₇H₈O (2)		methoxybenzene							100-66-3
$T/^\circ\text{C} = 0.0$										34S1
x_2	0.0000	0.1633	0.2285	0.2826	0.3709	0.4300	0.4855	0.4965	0.5132	
$\eta/(\text{mPa s})$	1.62	2.12	2.42	2.64	2.86	2.90	2.92	2.88	2.92	
x_2	0.5486	0.5885	0.6453	0.8123	1.0000					
$\eta/(\text{mPa s})$	2.86	2.68	2.46	1.96	1.76					
$T/^\circ\text{C} = 20.0$										34S1
x_2	0.0000	0.1633	0.2285	0.2826	0.3709	0.4300	0.4855	0.4965	0.5132	
$\eta/(\text{mPa s})$	1.22	1.42	1.56	1.62	1.70	1.72	1.74	1.74	1.74	
x_2	0.5486	0.5885	0.6453	0.8123	1.0000					
$\eta/(\text{mPa s})$	1.70	1.66	1.56	1.34	1.22					
$T/^\circ\text{C} = 40.0$										34S1
x_2	0.0000	0.1633	0.2285	0.2826	0.3709	0.4300	0.4855	0.4965	0.5132	
$\eta/(\text{mPa s})$	0.98	1.10	1.16	1.20	1.26	1.28	1.28	1.28	1.28	
x_2	0.5486	0.5885	0.6453	0.8123	1.0000					
$\eta/(\text{mPa s})$	1.24	1.20	1.10	1.00	0.98					
$T/^\circ\text{C} = 60.0$										34S1
x_2	0.0000	0.1633	0.2285	0.2826	0.3709	0.4300	0.4855	0.4965	0.5132	
$\eta/(\text{mPa s})$	0.82	0.86	0.90	0.92	0.94	0.94	0.94	0.94	0.94	
x_2	0.5486	0.5885	0.6453	0.8123	1.0000					
$\eta/(\text{mPa s})$	0.92	0.86	0.78	0.76	0.72					

$T/^\circ\text{C} = 80.0$										34S1
x_2	0.0000	0.1633	0.2285	0.2826	0.3709	0.4300	0.4855	0.4965	0.5132	
$\eta/(\text{mPa s})$	0.66	0.66	0.70	0.72	0.74	0.74	0.74	0.74	0.74	
x_2	0.5486	0.5885	0.6453	0.8123	1.0000					
$\eta/(\text{mPa s})$	0.70	0.66	0.62	0.58	0.56					
7	Br₂ (1) C₅H₁₀ (2)		bromine pent-1-ene							7726-95-6 109-67-1
$T/^\circ\text{C} = 25.0$										38K3
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.966	1.424	1.748	2.286	2.816	3.547	2.414	0.609	0.401	
x_2	0.90	1.00								
$\eta/(\text{mPa s})$	0.298	0.223								
8	Br₂ (1) C₅H₁₁BrO (2)		bromine 1-bromo-3-ethoxy-propane							7726-95-6 36865-40-4
$T/^\circ\text{C} = 25.0$										38K3
x_2	0.00	0.15	0.25	0.29	0.333	0.50	1.00			
$\eta/(\text{mPa s})$	0.983	4.360	10.48	9.550	7.678	3.504	1.053			
9	Br₂ (1) C₆H₁₄O (2)		bromine 1-propoxy-propane							7726-95-6 111-43-3
$T/^\circ\text{C} = 25.0$										38K3
x_2	0.00	0.10	0.17	0.225	0.25	0.30	1.00			
$\eta/(\text{mPa s})$	0.983	3.003	4.801	10.56	11.26	10.32	0.418			
10	Br₂ (1) C₈H₁₀O (2)		bromine methoxymethyl-benzene							7726-95-6 538-86-3
$T/^\circ\text{C} = 25.0$										38K3
x_2	0.00	0.10	0.17	0.225	0.25	0.275	0.30	0.333	0.50	
$\eta/(\text{mPa s})$	0.983	2.734	3.408	3.650	3.140	3.204	3.170	3.060	2.242	
x_2	0.75	1.00								
$\eta/(\text{mPa s})$	1.582	1.064								
11	Br₂ (1) C₁₄H₁₄O (2)		bromine dibenzyl ether							7726-95-6 103-50-4
$T/^\circ\text{C} = 0.0$										38K3
x_2	0.00	0.10	0.25	0.50	1.00					

η /(mPa s)	1.243	7.430	17.14	14.15	9.561				
$T/^\circ\text{C} = 25.0$									38K3
x_2	0.00	0.10	0.25	0.50	1.00				
η /(mPa s)	0.983	3.341	4.780	4.503	4.220				
12	Br₃P (1) C₇H₆O (2)		phosphorus tribromide benzaldehyde						7789-60-8 100-52-7
$T/^\circ\text{C} = 25.0$									58F1
x_2	0.00	0.03	0.20	0.30	0.40	0.50	0.60	0.70	0.75
η /(mPa s)	1.587	7.566	12.038	14.541	19.618	30.460	60.014	330.65	333.48
x_2	0.80	0.90	1.00						
η /(mPa s)	310.002	7.657	1.270						
$T/^\circ\text{C} = 50.0$									58F1
x_2	0.00	0.03	0.20	0.30	0.40	0.50	0.60	0.70	0.75
η /(mPa s)	1.281	3.467	5.968	7.348	9.981	13.317	21.986	50.116	56.330
x_2	0.80	0.90	1.00						
η /(mPa s)	48.540	4.188	0.945						
13	Br₃Sb (1) C₂H₃BrO₂ (2)		tribromo-stibine bromoacetic acid						7789-61-9 79-08-3
$T/^\circ\text{C} = 60.0$									56S2
x_1	0.0000	0.0231	0.1286	0.1526	0.2740	0.4063	0.4964		
η /(mPa s)	3.15	3.19	3.66	3.79	4.51	5.34	6.06		
$T/^\circ\text{C} = 70.0$									56S2
x_1	0.0000	0.0231	0.1286	0.1526	0.2740	0.4063	0.4964		
η /(mPa s)	2.63	2.65	3.00	3.11	3.56	4.26	4.71		
$T/^\circ\text{C} = 80.0$									56S2
x_1	0.0000	0.0231	0.1286	0.1526	0.2740	0.4063	0.4964	0.5977	0.7077
η /(mPa s)	2.22	2.25	2.51	2.58	2.96	3.44	3.83	4.17	4.38
x_1	0.8008	1.0000							
η /(mPa s)	4.56	4.94							
14	Br₃Sb (1) C₈H₈O (2)		tribromo-stibine 1-phenyl-ethanone						7789-61-9 98-86-2
$T/^\circ\text{C} = 25.0$									24K1
x_1	0.00	0.25	0.40	0.45	0.48	0.50	0.51	0.60	0.70
η /(mPa s)	1.617	10.606	60.918	78.623	90.269	96.471	93.579	53.420	31.579
$T/^\circ\text{C} = 50.0$									24K1

x_1	0.00	0.25	0.40	0.45	0.48	0.50	0.51	0.60	0.70
$\eta /(\text{mPa s})$	1.246	5.623	30.921	38.153	39.234	42.482	40.996	22.503	13.529
x_1	0.85								
$\eta /(\text{mPa s})$	6.328								
$T/^\circ\text{C} = 95.0$									24K1
x_1	0.00	0.25	0.40	0.45	0.48	0.50	0.51	0.60	0.70
$\eta /(\text{mPa s})$	0.653	2.478	5.154	6.389	6.698	6.972	7.235	6.024	4.298
x_1	0.85	1.00							
$\eta /(\text{mPa s})$	3.982	3.309							
15	Br₃Sb (1) C₁₃H₁₀O (2)		tribromo-stibine benzophenone						7789-61-9 119-61-9
$T/^\circ\text{C} = 25.0$									24K1
x_1	0.00	0.3333	0.50	0.55	0.60	0.6667			
$\eta /(\text{mPa s})$	13.61	181.18	479.46	551.94	566.21	472.32			
$T/^\circ\text{C} = 95.0$									24K1
x_1	0.00	0.3333	0.50	0.60	0.6667	0.70	0.75	1.00	
$\eta /(\text{mPa s})$	1.746	3.728	5.015	5.637	5.805	5.736	5.654	3.309	
16	Br₃Sb (1) C₁₉H₁₆ (2)		tribromo-stibine triphenylmethane						7789-61-9 519-73-3
$T/^\circ\text{C} = 75.0$									24K1
x_1	0.25	0.50	0.60	0.6667	0.70	0.75			
$\eta /(\text{mPa s})$	7.821	8.892	9.174	9.305	9.165	8.890			
$T/^\circ\text{C} = 95.0$									24K1
x_1	0.00	0.25	0.50	0.60	0.6667	0.70	0.75	1.00	
$\eta /(\text{mPa s})$	3.496	3.819	4.336	4.562	4.627	4.611	4.530	3.309	
$T/^\circ\text{C} = 100.0$									24K1
x_1	0.00	0.40	0.45	0.50	0.60	0.6667	0.75	1.00	
$\eta /(\text{mPa s})$	3.224	3.906	4.033	4.159	4.309	4.365	4.303	3.127	
17	Br₄Sn (1) C₂H₃BrO₂ (2)		tetrabromo-stannane bromoacetic acid						7789-67-5 79-08-3
$T/^\circ\text{C} = 40.0$									56S2
x_1	0.0895	0.2636	0.4794	0.7268	0.9042	1.0000			
$\eta /(\text{mPa s})$	3.74	3.07	2.48	2.04	1.88	1.97			
$T/^\circ\text{C} = 50.0$									56S2
x_1	0.0000	0.0895	0.2636	0.4794	0.7268	0.9042	1.0000		

η /(mPa s)	3.65	3.12	2.58	2.15	1.78	1.65	1.78		
T /°C = 60.0									56S2
x_1	0.0000	0.0895	0.2636	0.4794	0.7268	0.9042	1.0000		
η /(mPa s)	3.03	2.58	2.15	1.81	1.56	1.47	1.58		
T /°C = 70.0									56S2
x_1	0.0000	0.0895	0.2636	0.4794	0.7268	0.9042	1.0000		
η /(mPa s)	2.52	2.13	1.82	1.59	1.38	1.32	1.42		
18	Br₄Sn (1)	C₂H₆O (2)	tetrabromo-stannane					7789-67-5	
			ethanol					64-17-5	
T /°C = 70.0									37K1
x_1	0.00	0.10	0.18	0.20	0.22	0.23	0.24	0.25	0.26
η /(mPa s)	0.513	2.285	5.985	7.151	7.699	7.791	7.839	7.711	7.591
x_1	0.335	0.50	1.00						
η /(mPa s)	5.492	2.843	1.680						
T /°C = 85.0									37K1
x_1	0.10	0.18	0.20	0.22	0.23	0.24	0.25	0.26	0.335
η /(mPa s)	1.360	3.527	3.935	4.284	4.310	4.355	4.260	4.115	3.234
x_1	0.50	0.60	0.75	1.00					
η /(mPa s)	2.157	1.732	1.466	1.234					
19	Br₄Sn (1)	C₃H₆O₃ (2)	tetrabromo-stannane					7789-67-5	
			carbonic acid dimethyl ester					616-38-6	
T /°C = 25.0									37K1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.75	1.00
η /(mPa s)	0.575	0.923	1.269	1.534	1.774	1.953	2.122	2.335	2.572
T /°C = 50.0									37K1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.75	1.00
η /(mPa s)	0.325	0.621	0.861	1.069	1.223	1.342	1.465	1.614	1.823
20	Br₄Sn (1)	C₃H₉BO₃ (2)	tetrabromo-stannane					7789-67-5	
			boric acid trimethyl ester					121-43-7	
T /°C = 25.0									37K1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.75	0.85
η /(mPa s)	0.361	0.419	0.485	0.573	0.695	0.856	1.045	1.442	1.835
x_1	1.00								
η /(mPa s)	2.572								
T /°C = 50.0									37K1

x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.75	0.85
$\eta /(\text{mPa s})$	0.281	0.323	0.389	0.452	0.566	0.703	0.866	1.162	1.407
x_1	1.00								
$\eta /(\text{mPa s})$	1.823								

21 **Br₄Sn (1)** **tetrabromo-stannane** **7789-67-5**
C₄H₆O₄ (2) **oxalic acid dimethyl ester** **553-90-2**

$T / ^\circ\text{C} = 80.0$ 37K1

x_1	0.00	0.15	0.30	1.00
$\eta /(\text{mPa s})$	0.782	0.888	0.974	1.302

$T / ^\circ\text{C} = 90.0$ 37K1

x_1	0.00	0.15	0.30	0.50	0.70	0.85	1.00
$\eta /(\text{mPa s})$	0.671	0.801	0.915	1.037	1.095	1.138	1.180

22 **Br₄Sn (1)** **tetrabromo-stannane** **7789-67-5**
C₄H₁₀S (2) **diethyl sulfide** **352-93-2**

$T / ^\circ\text{C} = 80.0$ 37K1

x_1	0.00	0.10	0.25	0.333	0.36	0.38	0.40	0.42	0.44
$\eta /(\text{mPa s})$	0.262	0.563	2.019	3.471	3.932	4.021	3.972	3.835	3.703

x_1	0.47	0.50	0.60	0.75	0.90	1.00
$\eta /(\text{mPa s})$	3.399	3.163	2.534	1.840	1.424	1.302

$T / ^\circ\text{C} = 95.0$ 37K1

x_1	0.10	0.25	0.333	0.36	0.38	0.40	0.42	0.44	0.47
$\eta /(\text{mPa s})$	0.477	1.161	1.752	1.895	1.983	1.993	2.022	2.001	1.994

x_1	0.50	0.60	0.75	0.90	1.00
$\eta /(\text{mPa s})$	1.869	1.638	1.396	1.194	1.167

23 **Br₄Sn (1)** **tetrabromo-stannane** **7789-67-5**
C₅H₁₀O₃ (2) **carbonic acid diethyl ester** **105-58-8**

$T / ^\circ\text{C} = 25.0$ 37K1

x_1	0.00	0.25	0.40	0.48	0.50	0.65	0.75	0.85	1.00
$\eta /(\text{mPa s})$	0.778	1.362	1.864	2.252	2.315	2.521	2.580	2.610	2.572

$T / ^\circ\text{C} = 50.0$ 37K1

x_1	0.00	0.25	0.40	0.48	0.50	0.65	0.75	0.85	1.00
$\eta /(\text{mPa s})$	0.575	0.951	1.174	1.297	1.326	1.581	1.687	1.762	1.823

24 **Br₄Sn (1)** **tetrabromo-stannane** **7789-67-5**
C₆H₆O (2) **phenol** **108-95-2**

$T/^\circ\text{C} = 40.0$										37K1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	4.561	4.210	3.817	3.351	3.034	2.762	2.560	2.387	2.262	
x_1	0.90	1.00								
$\eta/(\text{mPa s})$	2.137	2.101								
$T/^\circ\text{C} = 60.0$										37K1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	2.410	2.270	2.148	1.987	1.888	1.791	1.727	1.680	1.653	
x_1	0.90	1.00								
$\eta/(\text{mPa s})$	1.602	1.621								
$T/^\circ\text{C} = 80.0$										37K1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	1.448	1.409	1.375	1.321	1.307	1.277	1.264	1.252	1.271	
x_1	0.90	1.00								
$\eta/(\text{mPa s})$	1.260	1.302								

25 **Br₄Sn (1)** **tetrabromo-stannane** **7789-67-5**
C₆H₁₀O₄ (2) **butanedioic acid dimethyl ester** **106-65-0**

$T/^\circ\text{C} = 40.0$										37K1
x_1	0.00	0.33	0.47	0.50	0.55	0.57	0.60	0.65	0.80	
$\eta/(\text{mPa s})$	1.787	2.232	2.594	2.599	2.534	2.523	2.497	2.423	2.242	
x_1	1.00									
$\eta/(\text{mPa s})$	2.026									
$T/^\circ\text{C} = 60.0$										37K1
x_1	0.00	0.33	0.47	0.50	0.55	0.57	0.60	0.65	0.80	
$\eta/(\text{mPa s})$	1.249	1.590	1.649	1.650	1.651	1.672	1.676	1.664	1.660	
x_1	1.00									
$\eta/(\text{mPa s})$	1.603									
$T/^\circ\text{C} = 75.0$										37K1
x_1	0.00	0.33	0.47	0.50	0.55	0.57	0.60	0.65	0.80	
$\eta/(\text{mPa s})$	1.000	1.256	1.311	1.317	1.348	1.348	1.350	1.355	1.340	
x_1	1.00									
$\eta/(\text{mPa s})$	1.340									

26 **Br₄Sn (1)** **tetrabromo-stannane** **7789-67-5**
C₆H₁₅BO₃ (2) **boric acid triethyl ester** **150-46-9**

$T/^\circ\text{C} = 25.0$										37K1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.75	0.90	
$\eta/(\text{mPa s})$	0.557	0.623	0.702	0.791	0.902	1.037	1.183	1.521	2.013	

x_1	1.00								
$\eta /(\text{mPa s})$	2.572								
$T / ^\circ\text{C} = 50.0$									37K1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.75	0.90
$\eta /(\text{mPa s})$	0.414	0.482	0.535	0.625	0.729	0.832	0.987	1.221	1.531
x_1	1.00								
$\eta /(\text{mPa s})$	1.823								
27	CO₂ (1)		carbon dioxide						124-38-9
	C₇H₁₆ (2)		heptane						142-82-5
$T/\text{K} = 220.15$									81R1
x_1	0.0000	0.0963	0.2323	0.3038	0.3934	0.4917	0.5730	0.6515	1.0000
$\eta /(\text{mPa s})$	1.302	1.126	0.916	0.830	0.710	0.620	0.557	0.509	0.240
<i>(at equilibrium pressure)</i>									
$T/\text{K} = 250.15$									81R1
x_1	0.0000	0.0856	0.1415	0.2112	0.2952	0.4163	0.4480	0.5944	0.6674
$\eta /(\text{mPa s})$	0.733	0.662	0.626	0.565	0.514	0.436	0.416	0.334	0.294
x_1	0.7220	0.8135	0.8613	1.0000					
$\eta /(\text{mPa s})$	0.261	0.222	0.195	0.147	<i>(at equilibrium pressure)</i>				
$T/\text{K} = 275.15$									81R1
x_1	0.0000	0.0832	0.1516	0.2107	0.2903	0.4036	0.5338	0.5927	0.6835
$\eta /(\text{mPa s})$	0.520	0.478	0.444	0.413	0.376	0.321	0.260	0.251	0.218
x_1	0.7801	0.8465	0.9010	1.0000					
$\eta /(\text{mPa s})$	0.179	0.156	0.122	0.098	<i>(at equilibrium pressure)</i>				
$T/\text{K} = 285.15$									81R1
x_1	0.0000	0.0233	0.1666	0.2604	0.3552	0.4972	0.5494	0.6700	0.7580
$\eta /(\text{mPa s})$	0.455	0.450	0.394	0.349	0.307	0.286	0.240	0.201	0.168
x_1	0.8136	1.0000							
$\eta /(\text{mPa s})$	0.150	0.084	<i>(at equilibrium pressure)</i>						
$T/\text{K} = 300.15$									81R1
x_1	0.0000	0.1151	0.2038	0.2243	0.3557	0.4218	0.4699	0.4751	0.4976
$\eta /(\text{mPa s})$	0.382	0.346	0.321	0.311	0.265	0.246	0.236	0.238	0.227
x_1	0.6112	0.6376	0.6602	0.7279	0.7932	0.8814	1.0000	<i>(at equilibrium pressure)</i>	
$\eta /(\text{mPa s})$	0.193	0.183	0.177	0.156	0.140	0.090	0.060		
28	CO₂ (1)		carbon dioxide						124-38-9
	C₁₀H₂₂ (2)		decane						124-18-5
$x_1 = 0.495$									96B4
T/K	310.930	344.260	373.150	403.150					

P/MPa	6.996	6.996	10.443	11.822					
$\eta /(\text{mPa s})$	0.360	0.282	0.202	0.168					
$x_1 = 0.699$									96B4
T/K	310.930	344.260	373.150	403.150					
P/MPa	6.996	6.996	6.996	6.996					
$\eta /(\text{mPa s})$	0.546	0.386	0.280	0.220					
$x_1 = 0.849$									96B4
T/K	310.930	344.20	373.150	403.150					
P/MPa	6.996	6.996	6.996	6.996					
$\eta /(\text{mPa s})$	0.665	0.442	0.332	0.267					
29	CS₂ (1) CH₄O (2)		carbon disulfide methanol						75-15-0 67-56-1
$T/\text{K} = 298.15$									73C1
x_1	0.0000	0.0437	0.0987	0.1521	0.2248	0.2969	0.9488	1.0000	
$\eta / \eta_{\text{water}}$	0.6152	0.5883	0.5838	0.5538	0.5669	0.5700	0.4088	0.4077	
30	CS₂ (1) C₂H₆O (2)		carbon disulfide ethanol						75-15-0 64-17-5
$T/^\circ\text{C} = 25.0$									04D1
w_2	0.0000	0.1807	0.2650	0.3005	0.4718	0.6050	0.6769	0.7436	0.8071
$\eta /(\text{mPa s})$	0.3656	0.4926	0.5466	0.5669	0.6659	0.7621	0.8407	0.9065	0.9535
w_2	0.8309	1.0000							
$\eta /(\text{mPa s})$	0.9448	1.113							
31	CS₂ (1) C₃H₆O (2)		carbon disulfide propan-2-one						75-15-0 67-64-1
$T/\text{K} = 298.15$									73C1
x_2	0.0000	0.1384	0.2761	0.3443	0.4624	0.5524	0.6431	0.7358	0.8389
$\eta / \eta_{\text{water}}$	0.4077	0.3777	0.3662	0.3643	0.3487	0.3411	0.3375	0.3343	0.3342
x_2	0.9171	1.0000							
$\eta / \eta_{\text{water}}$	0.3364	0.3386							
$T/^\circ\text{C} = 10.0$									52T1
x_2	0.000	0.110	0.367	0.502	0.696	0.798	0.833	0.893	1.000
$\eta /(\text{mPa s})$	0.396	0.382	0.353	0.3425	0.334	0.333	0.334	0.3355	0.3525
$T/^\circ\text{C} = 15.0$									52T1
x_2	0.000	0.110	0.367	0.502	0.696	0.798	0.833	0.893	1.000
$\eta /(\text{mPa s})$	0.382	0.369	0.3445	0.3345	0.325	0.3245	0.325	0.3275	0.338

$T/^\circ\text{C} = 20.0$										52T1
x_2	0.000	0.110	0.367	0.502	0.696	0.798	0.833	0.893	1.000	
$\eta/(\text{mPa s})$	0.365	0.354	0.3325	0.324	0.316	0.314	0.315	0.316	0.323	
$T/^\circ\text{C} = 25.0$										52T1
x_2	0.000	0.110	0.367	0.502	0.696	0.798	0.833	0.893	1.000	
$\eta/(\text{mPa s})$	0.346	0.3365	0.3185	0.310	0.3015	0.301	0.3015	0.3025	0.310	
$T/^\circ\text{C} = -13.0$										12F1
x_1	0.00	0.20	0.40	0.60	1.00					
$\eta/(\text{mPa s})$	0.484	0.461	0.450	0.457	0.514					
$T/^\circ\text{C} = -10.0$										12F1
x_1	0.00	0.20	0.40	0.60	1.00					
$\eta/(\text{mPa s})$	0.450	0.438	0.414	0.442	0.495					
$T/^\circ\text{C} = 0.0$										12F1
x_1	0.00	0.20	0.40	0.60	1.00					
$\eta/(\text{mPa s})$	0.400	0.393	0.394	0.404	0.440					
$T/^\circ\text{C} = 15.0$										12F1
x_1	0.00	0.20	0.40	0.60	1.00					
$\eta/(\text{mPa s})$	0.334	0.342	0.350	0.360	0.383					
$T/^\circ\text{C} = 35.0$										12F1
x_1	0.00	0.20	0.40	0.60	1.00					
$\eta/(\text{mPa s})$	0.278	0.287	0.295	0.304	0.332					
32	CS₂ (1) C₆H₆ (2)		carbon disulfide benzene							75-15-0 71-43-2
$T/^\circ\text{C} = 0.0$										30S1
w_2	0.00	0.10	0.40	0.60	0.80	1.000				
$\eta/(\text{mPa s})$	0.711	0.851	0.765	0.697	0.706	0.725				
33	CS₂ (1) C₆H₆O (2)		carbon disulfide phenol							75-15-0 108-95-2
$T/^\circ\text{C} = 15.0$										24W4
x_2	0.2500	0.3333	0.4000	0.4444	0.5000	0.5714				
η/η_{water}	0.79	0.91	1.12	1.28	1.51	2.07				
34	CS₂ (1) C₇H₈ (2)		carbon disulfide toluene							75-15-0 108-88-3
$T/^\circ\text{C} = 0.0$										30S1

$T/^\circ\text{C} = 60.0$										47U3
x_1	0.0464	0.1767	0.2334	0.3273	0.3672	0.4261	0.5231	0.6990	0.7775	
$\eta/(\text{mPa s})$	1.607	2.305	2.365	2.441	2.160	1.971	1.114	0.839	0.652	
x_1	0.8705									
$\eta/(\text{mPa s})$	0.450									
39	ClHO₄ (1) C₂H₄O₂ (2)		perchloric acid acetic acid							7601-90-3 64-19-7
$T/^\circ\text{C} = 20.0$										47U4
x_1	0.0465	0.1214	0.2029	0.3254	0.4484	0.5117	0.6395	0.7192	0.8295	
$\eta/(\text{mPa s})$	1.713	7.112	26.534	61.933	40.805	23.878	5.903	2.900	1.140	
$T/^\circ\text{C} = 35.0$										47U4
x_1	0.0465	0.1214	0.2029	0.3254	0.4484	0.5117	0.6395	0.7192	0.8295	
$\eta/(\text{mPa s})$	1.224	5.627	11.457	26.032	18.832	12.262	3.970	2.140	0.900	
$T/^\circ\text{C} = 50.0$										47U4
x_1	0.0465	0.1214	0.2029	0.3254	0.4484	0.5117	0.6395	0.7192	0.8295	
$\eta/(\text{mPa s})$	0.892	2.492	6.070	12.680	9.770	6.853	2.694	1.583	0.730	
40	ClI (1) C₂H₅NO (2)		iodine monochloride acetamide							7790-99-0 60-35-5
$T/^\circ\text{C} = 25.0$										50F1
x_2	0.0000	0.0746	0.1338	0.2071	0.2765	0.3720	0.4448	0.5006	0.5900	
$\eta/(\text{mPa s})$	3.729	5.492	6.358	8.968	14.869	20.133	32.068	39.404	52.901	
x_2	0.6645	0.7411								
$\eta/(\text{mPa s})$	60.264	41.507								
$T/^\circ\text{C} = 35.0$										50F1
x_2	0.0000	0.0746	0.1338	0.2071	0.2765	0.3720	0.4448	0.5006	0.5900	
$\eta/(\text{mPa s})$	3.058	4.909	5.591	7.712	12.062	12.887	16.954	22.046	28.283	
x_2	0.6422	0.6645	0.7002	0.7411	0.7754					
$\eta/(\text{mPa s})$	28.698	29.935	25.987	21.737	19.861					
$T/^\circ\text{C} = 45.0$										50F1
x_2	0.0000	0.0746	0.1338	0.2071	0.2765	0.3720	0.4448	0.5006	0.5900	
$\eta/(\text{mPa s})$	2.550	4.509	5.234	6.848	10.153	10.888	11.845	13.180	15.546	
x_2	0.6170	0.6422	0.6645	0.7002	0.7411	0.7754				
$\eta/(\text{mPa s})$	16.322	16.508	17.475	13.797	12.546	12.053				
41	ClI (1) C₇H₇NO (2)		iodine monochloride benzamide							7790-99-0 55-21-0

$T/^\circ\text{C} = 50.0$									50F1
x_2	0.0000	0.0275	0.0695	0.1147	0.1569	0.1934	0.2315	0.3146	0.3353
$\eta/(\text{mPa s})$	2.255	2.412	2.749	2.287	4.017	4.662	5.447	7.920	9.471
x_2	0.3887	0.4152	0.4784	0.5105	0.5361	0.5591	0.6090		
$\eta/(\text{mPa s})$	12.585	13.812	19.494	24.819	26.712	31.730	33.583		
42	Cl₂OS (1) C₄H₈O₂ (2)		thionyl chloride acetic acid ethyl ester						7719-09-7 141-78-6
$T/^\circ\text{C} = 25.0$									32L1
x_2	0.000	0.170	0.300	0.466	0.684	0.775	1.000		
$\eta/(\text{mPa s})$	0.6194	0.6177	0.6117	0.5759	0.5174	0.4911	0.4268		
43	Cl₂OS (1) C₆H₆ (2)		thionyl chloride benzene						7719-09-7 71-43-2
$T/^\circ\text{C} = 25.0$									32L1
x_2	0.000	0.123	0.314	0.519	0.634	0.819	1.000		
$\eta/(\text{mPa s})$	0.6194	0.6165	0.6068	0.6020	0.5999	0.5962	0.5961		
44	Cl₂OS (1) C₆H₁₂ (2)		thionyl chloride cyclohexane						7719-09-7 110-82-7
$T/^\circ\text{C} = 25.0$									32L1
x_2	0.000	0.063	0.194	0.534	0.728	1.000			
$\eta/(\text{mPa s})$	0.6194	0.6156	0.6183	0.6634	0.7201	0.8824			
45	Cl₂OS (1) C₇H₈ (2)		thionyl chloride toluene						7719-09-7 108-88-3
$T/^\circ\text{C} = 25.0$									32L1
x_2	0.000	0.077	0.198	0.280	0.441	0.574	0.739	1.000	
$\eta/(\text{mPa s})$	0.6194	0.6236	0.6250	0.6223	0.6139	0.6019	0.5832	0.5460	
46	Cl₂OS (1) C₈H₁₀ (2)		thionyl chloride 1,4-dimethyl-benzene						7719-09-7 106-42-3
$T/^\circ\text{C} = 25.0$									32L1
x_2	0.000	0.211	0.489	0.742	1.000				
$\eta/(\text{mPa s})$	0.6194	0.6515	0.6572	0.6419	0.6067				
47	Cl₂OS (1) C₉H₁₂ (2)		thionyl chloride 1,3,5-trimethyl-benzene						7719-09-7 108-67-8

$T/^\circ\text{C} = 25.0$									32L1
x_2	0.000	0.100	0.257	0.429	0.568	0.686	0.766	1.000	
$\eta/(\text{mPa s})$	0.6194	0.6495	0.6770	0.6939	0.6952	0.6908	0.6850	0.6518	
48	Cl₂O₂S (1) C₆H₆ (2)	sulfuryl chloride benzene						7719-25-5 71-43-2	
$T/^\circ\text{C} = 25.0$									32L1
x_2	0.000	0.155	0.266	0.301	0.570	0.824	1.000		
$\eta/(\text{mPa s})$	0.6850	0.6757	0.6691	0.6673	0.6463	0.6172	0.5961		
49	Cl₂O₂S (1) C₆H₁₂ (2)	sulfuryl chloride cyclohexane						7719-25-5 110-82-7	
$T/^\circ\text{C} = 25.0$									32L1
x_2	0.000	0.203	0.353	0.679	1.000				
$\eta/(\text{mPa s})$	0.6850	0.6695	0.6770	0.7303	0.8824				
50	Cl₂O₂S (1) C₇H₈ (2)	sulfuryl chloride toluene						7719-25-5 108-88-3	
$T/^\circ\text{C} = 25.0$									32L1
x_2	0.000	0.174	0.287	0.428	0.627	0.793	1.000		
$\eta/(\text{mPa s})$	0.6850	0.6759	0.6642	0.6457	0.6144	0.5841	0.5460		
51	Cl₂O₂S (1) C₈H₁₀ (2)	sulfuryl chloride 1,4-dimethyl-benzene						7719-25-5 106-42-3	
$T/^\circ\text{C} = 25.0$									32L1
x_2	0.000	0.093	0.211	0.475	0.791	1.000			
$\eta/(\text{mPa s})$	0.6850	0.6937	0.6963	0.6805	0.6413	0.6067			
52	Cl₂O₂S (1) C₉H₁₂ (2)	sulfuryl chloride 1,3,5-trimethyl-benzene						7719-25-5 108-67-8	
$T/^\circ\text{C} = 25.0$									32L1
x_2	0.000	0.196	0.331	0.355	0.485	0.677	0.828	1.000	
$\eta/(\text{mPa s})$	0.6850	0.6976	0.7025	0.7028	0.6997	0.6885	0.6735	0.6518	
53	Cl₃P (1) C₄H₁₀O (2)	phosphorus trichloride ethoxy-ethane						7719-12-2 60-29-7	

$T/^\circ\text{C} = 0.0$									32R1
x_1	0.0000	0.1377	0.1834	0.2658	0.4438	0.6399	0.7966	1.0000	
$\eta/(\text{mPa}\cdot\text{s})$	0.2950	0.3552	0.3700	0.3930	0.4760	0.5673	0.6302	0.7146	
$T/^\circ\text{C} = 10.0$									32R1
x_1	0.0000	0.1377	0.1834	0.2658	0.4438	0.6399	0.7966	0.8122	1.0000
$\eta/(\text{mPa}\cdot\text{s})$	0.2681	0.3280	0.3449	0.3693	0.4456	0.5346	0.5990	0.6018	0.6743
$T/^\circ\text{C} = 18.0$									32R1
x_1	0.0000	0.1377	0.1834	0.2658	0.4438	0.6399	0.7966	0.8122	1.0000
$\eta/(\text{mPa}\cdot\text{s})$	0.2402	0.2988	0.3143	0.3389	0.3902	0.4769	0.5317	0.5423	0.6127
54	Cl_3Sb (1)	$\text{C}_2\text{HCl}_3\text{O}_2$ (2)	trichloro-stibine trichloroacetic acid					10025-91-9 76-03-9	
$T/^\circ\text{C} = 50.0$									51S5
x_1	0.0000	0.0421	0.1807	0.3007	0.4903	0.7199	0.8032	1.0000	
$\eta/(\text{mPa}\cdot\text{s})$	4.824	4.806	4.705	4.603	4.377	4.179	4.119	3.926	
$T/^\circ\text{C} = 60.0$									51S5
x_1	0.0000	0.0421	0.1807	0.3007	0.4903	0.7199	0.8032	1.0000	
$\eta/(\text{mPa}\cdot\text{s})$	3.815	3.811	3.735	3.640	3.428	3.312	3.236	3.147	
$T/^\circ\text{C} = 70.0$									51S5
x_1	0.0000	0.0421	0.1807	0.3007	0.4903	0.7199	0.8032	1.0000	
$\eta/(\text{mPa}\cdot\text{s})$	3.033	3.113	2.960	2.870	2.762	2.687	2.642	2.660	
55	Cl_3Sb (1)	$\text{C}_2\text{H}_3\text{ClO}_2$ (2)	trichloro-stibine chloroacetic acid					10025-91-9 79-11-8	
$T/^\circ\text{C} = 50.0$									51U3
x_1	0.0000	0.1476	0.2785	0.3738	0.4511	0.4648	0.4908	0.5003	0.5626
$\eta/(\text{mPa}\cdot\text{s})$	3.021	4.147	4.894	5.154	5.302	5.272	5.449	5.457	5.418
x_1	0.6521	0.6881	0.7754	0.8310	0.8930	1.0000			
$\eta/(\text{mPa}\cdot\text{s})$	5.244	5.160	4.987	4.757	4.500	3.926			
$T/^\circ\text{C} = 60.0$									51U3
x_1	0.0000	0.1476	0.2785	0.3738	0.4511	0.4648	0.5003	0.5626	
$\eta/(\text{mPa}\cdot\text{s})$	2.446	3.202	3.690	3.890	3.993	3.971	4.109	4.089	
x_1	0.6521	0.6881	0.7754	0.8310	0.8930	1.0000			
$\eta/(\text{mPa}\cdot\text{s})$	4.066	4.075	3.871	3.687	3.615	3.147			
$T/^\circ\text{C} = 70.0$									51U3
x_1	0.0000	0.1476	0.2785	0.3738	0.4511	0.4648	0.5003	0.5626	
$\eta/(\text{mPa}\cdot\text{s})$	2.046	2.399	2.865	2.962	3.136	3.155	3.169	3.152	
x_1	0.6521	0.6881	0.7754	0.8310	0.8930	0.9019	1.0000		
$\eta/(\text{mPa}\cdot\text{s})$	3.270	3.211	3.082	2.952	2.898	2.829	2.660		

56	Cl₃Sb (1) C₂H₄O₂ (2)		trichloro-stibine acetic acid				10025-91-9 64-19-7			
<i>T</i> / °C = 20.0										51U2
<i>x</i> ₁	0.1192	0.2307	0.3839	0.4409	0.5132	0.5222	0.5394	0.6021	0.6875	
<i>η</i> /(mPa s)	3.57	8.60	13.18	23.26	26.76	29.17	29.95	28.03	24.73	
<i>x</i> ₁	0.7123	0.7990								
<i>η</i> /(mPa s)	23.98	19.13								
<i>T</i> / °C = 50.0										51U2
<i>x</i> ₁	0.2307	0.3839	0.4409	0.5132	0.5222	0.5394	0.6021	0.6875	0.7123	
<i>η</i> /(mPa s)	2.84	4.01	4.83	5.88	6.28	6.32	6.28	5.85	5.77	
<i>x</i> ₁	0.7406	0.7990	0.8423	0.9118	1.0000					
<i>η</i> /(mPa s)	5.70	5.44	4.77	4.30	3.93					
<i>T</i> / °C = 60.0										51U2
<i>x</i> ₁	0.3839	0.4409	0.5132	0.5222	0.5394	0.6021	0.6875	0.7123	0.7990	
<i>η</i> /(mPa s)	2.95	3.86	4.16	4.22	4.39	4.41	4.18	4.35	4.08	
<i>x</i> ₁	0.8423	1.0000								
<i>η</i> /(mPa s)	3.60	3.15								
57	Cl₃Sb (1) C₃H₆O (2)		trichloro-stibine propan-2-one				10025-91-9 67-64-1			
<i>T</i> / °C = 25.0										24K1
<i>x</i> ₂	0.333	0.38	0.50	0.666	0.75	1.00				
<i>η</i> /(mPa s)	18.123	16.762	9.489	3.546	1.978	0.339				
<i>T</i> / °C = 50.0										24K1
<i>x</i> ₂	0.00	0.20	0.23	0.25	0.30	0.333	0.50	0.666	0.75	
<i>η</i> /(mPa s)	4.073	5.703	5.712	5.853	5.692	5.309	4.023	1.918	1.183	
<i>T</i> / °C = 80.0										24K1
<i>x</i> ₂	0.00	0.20	0.23	0.25	0.30	0.333				
<i>η</i> /(mPa s)	2.158	2.283	2.527	2.413	2.409	2.360				
58	Cl₃Sb (1) C₄H₁₀O (2)		trichloro-stibine ethoxy-ethane				10025-91-9 60-29-7			
<i>T</i> / °C = 25.0										24K1
<i>x</i> ₁	0.00	0.25	0.334	0.50	0.70	0.75	0.80	0.85		
<i>η</i> /(mPa s)	0.244	1.008	1.955	6.556	15.312	17.228	18.025	16.920		
<i>T</i> / °C = 32.0										24K1
<i>x</i> ₁	0.00	0.25	0.334	0.50	0.70	0.75	0.80	0.85		

η /(mPa s)	0.233	0.924	1.678	5.269	11.573	12.603	13.349	12.742	
T /°C = 50.0									24K1
x_1	0.70	0.75	0.80	0.85	1.00				
η /(mPa s)	5.182	5.971	6.626	6.462	4.073				
T /°C = 75.0									24K1
x_1	0.70	0.75	0.80	0.85	1.00				
η /(mPa s)	2.786	3.051	3.349	3.429	2.438				
59	Cl₃Sb (1) C₆H₆ (2)		trichloro-stibine benzene						10025-91-9 71-43-2
T /°C = 75.0									24K1
x_1	0.00	0.25	0.334	0.50	0.666	0.75	0.85	1.00	
η /(mPa s)	0.337	0.606	0.786	1.301	1.855	2.051	2.257	2.359	
60	Cl₃Sb (1) C₆H₇N (2)		trichloro-stibine aniline						10025-91-9 62-53-3
T /°C = 95.0									24K1
x_1	0.000	0.250	0.333	0.450	0.500	0.525	0.550	0.667	1.00
η /(mPa s)	0.724	6.059	15.360	34.550	37.853	37.444	35.440	17.520	1.532
T /°C = 125.0									24K1
x_1	0.000	0.250	0.500	0.525	0.550	1.00			
η /(mPa s)	0.231	1.082	3.564	3.571	3.544	0.497			
61	Cl₃Sb (1) C₁₀H₈ (2)		trichloro-stibine naphthalene						10025-91-9 91-20-3
T /°C = 80.0									24K1
x_1	0.000	0.50	0.666	0.75	0.775	0.85	0.90	1.00	
η /(mPa s)	0.886	1.942	2.311	2.447	2.485	2.459	2.355	2.108	
T /°C = 90.0									24K1
x_1	0.000	0.0592	0.124	0.25	0.50	0.666	0.75	0.85	0.90
η /(mPa s)	0.759	0.816	0.880	1.063	1.513	1.866	1.962	1.989	1.937
x_1	1.00								
η /(mPa s)	1.784								
T /°C = 150.0									24K1
x_1	0.000	0.50	0.666	0.75	0.85	0.90	0.95	1.00	
η /(mPa s)	0.217	0.364	0.428	0.448	0.452	0.465	0.465	0.459	
62	Cl₃Sb (1)		trichloro-stibine						10025-91-9

	C₁₃H₁₂ (2)		diphenylmethane					101-81-5	
$T/^\circ\text{C} = 100.0$	24K1								
x_1	0.00	0.50	0.6513	0.75	0.85	0.85	1.00		
$\eta/(\text{mPa s})$	0.827	1.491	1.874	2.011	2.013	1.984	1.524		
63	Cl₃Sb (1) C₁₉H₁₆ (2)		trichloro-stibine triphenylmethane					10025-91-9 519-73-3	
$T/^\circ\text{C} = 100.0$	24K1								
x_1	0.00	0.3333	0.40	0.45	0.50	0.6667	1.00		
$\eta/(\text{mPa s})$	3.224	3.450	3.512	3.458	3.338	3.241	1.524		
64	Cl₄Ge (1) C₂H₆S (2)		tetrachloro-germane dimethyl sulfide					10038-98-9 75-18-3	
$T/^\circ\text{C} = 20.0$	57U1								
x_2	0.0000	0.2030	0.6575	0.4983	0.6857	0.8854	1.0000		
$\eta/(\text{mPa s})$	0.599	0.526	0.483	0.433	0.379	0.328	0.307		
65	Cl₄Ge (1) C₄H₈O₂ (2)		tetrachloro-germane acetic acid ethyl ester					10038-98-9 141-78-6	
$T/^\circ\text{C} = 20.0$	57U1								
x_2	0.0000	0.1475	0.3162	0.5235	0.6703	0.8062	1.0000		
$\eta/(\text{mPa s})$	0.599	0.576	0.535	0.500	0.481	0.469	0.450		
$T/^\circ\text{C} = 30.0$	57U1								
x_2	0.0000	0.1475	0.3162	0.5235	0.6703	0.8062	1.0000		
$\eta/(\text{mPa s})$	0.561	0.531	0.486	0.457	0.431	0.416	0.401		
$T/^\circ\text{C} = 40.0$	57U1								
x_2	0.0000	0.1475	0.3162	0.5235	0.6703	0.8062	1.0000		
$\eta/(\text{mPa s})$	0.516	0.481	0.449	0.406	0.390	0.382	0.368		
66	Cl₄Ge (1) C₄H₈O₂ (2)		tetrachloro-germane 1,4-dioxane					10038-98-9 123-91-1	
$T/^\circ\text{C} = 25.0$	57U1								
x_2	0.0000	0.1519	0.3148	0.5071	0.6631	0.8814	0.9218	1.0000	
$\eta/(\text{mPa s})$	0.589	0.626	0.670	0.745	0.837	0.978	1.087	1.198	
$T/^\circ\text{C} = 40.0$	57U1								
x_2	0.0000	0.1519	0.3148	0.5071	0.6631	0.8814	0.9218	1.0000	
$\eta/(\text{mPa s})$	0.516	0.539	0.570	0.627	0.687	0.784	0.856	0.917	

67	Cl₄Ge (1) C₄H₁₀O (2)		tetrachloro-germane ethoxy-ethane						10038-98-9 60-29-7
<i>T</i> / °C = 20.0									
<i>x</i> ₂	0.0000	0.2064	0.4027	0.5137	0.6832	0.7964	1.0000	57U1	
<i>η</i> /(mPa s)	0.599	0.500	0.415	0.376	0.309	0.279	0.239		
68	Cl₄Ge (1) C₇H₈O (2)		tetrachloro-germane methoxybenzene						10038-98-9 100-66-3
<i>T</i> / °C = 20.0									
<i>x</i> ₂	0.0000	0.2185	0.3554	0.4923	0.6922	0.8481	1.0000	57U1	
<i>η</i> /(mPa s)	0.599	0.650	0.668	0.734	0.836	0.963	1.084		
<i>T</i> / °C = 30.0									
<i>x</i> ₂	0.0000	0.2185	0.3554	0.4923	0.6922	0.8481	1.0000	57U1	
<i>η</i> /(mPa s)	0.561	0.591	0.621	0.654	0.732	0.836	0.928		
<i>T</i> / °C = 40.0									
<i>x</i> ₂	0.0000	0.2185	0.3554	0.4923	0.6922	0.8481	1.0000	57U1	
<i>η</i> /(mPa s)	0.516	0.535	0.555	0.598	0.654	0.731	0.806		
69	Cl₄Si (1) C₂H₄O₂ (2)		tetrachloro-silane acetic acid						10026-04-7 64-19-7
<i>T</i> / °C = 20.0									
<i>x</i> ₂	0.0000	0.2390	0.3949	0.5283	0.6555	0.7485	0.8366	1.0000	
<i>η</i> /(mPa s)	0.482	0.543	0.619	0.709	0.867	0.941	1.095	1.272	
70	Cl₄Si (1) C₂H₆S (2)		tetrachloro-silane dimethyl sulfide						10026-04-7 75-18-3
<i>T</i> / °C = 20.0									
<i>x</i> ₂	0.0000	0.1991	0.3816	0.4823	0.5893	0.6822	0.7859	1.0000	
<i>η</i> /(mPa s)	0.482	0.432	0.399	0.386	0.358	0.351	0.333	0.307	
71	Cl₄Si (1) C₃H₆O₂ (2)		tetrachloro-silane acetic acid methyl ester						10026-04-7 79-20-9
<i>T</i> / °C = 25.0									
<i>x</i> ₂	0.0000	0.2039	0.3443	0.5038	0.6671	0.8546	1.0000	57U1	
<i>η</i> /(mPa s)	0.462	0.414	0.398	0.388	0.383	0.386	0.391		
<i>T</i> / °C = 35.0									
<i>x</i> ₂	0.0000	0.2039	0.3443	0.5038	0.6671	0.8546	1.0000	57U1	

η /(mPa s)	0.442	0.385	0.364	0.348	0.349	0.349	0.353		
T /°C = 45.0									57U1
x_2	0.0000	0.2039	0.3443	0.5038	0.6671	0.8546	1.0000		
η /(mPa s)	0.362	0.351	0.332	0.320	0.318	0.317	0.320		
72	Cl₄Si (1) C₃H₈O₂ (2)		tetrachloro-silane dimethoxy-methane						10026-04-7 109-87-5
T /°C = 20.0									58U2
x_2	0.0000	0.0980	0.1906	0.2879	0.3682	0.3933	0.4424	0.5106	0.5960
η /(mPa s)	0.482	0.463	0.449	0.439	0.437	0.446	0.459	0.490	0.540
x_2	0.6589	0.7083	0.7984	0.8477	0.9026	1.0000			
η /(mPa s)	0.542	0.515	0.483	0.466	0.419	0.336			
T /°C = 30.0									58U2
x_2	0.0000	0.0980	0.1906	0.2879	0.3682	0.3933	0.4424	0.5106	0.5960
η /(mPa s)	0.442	0.419	0.412	0.402	0.405	0.410	0.414	0.428	0.458
x_2	0.6589	0.7083	0.7984	0.8477	0.9026	1.0000			
η /(mPa s)	0.472	0.461	0.434	0.414	0.369	0.304			
73	Cl₄Si (1) C₄H₈O₂ (2)		tetrachloro-silane acetic acid ethyl ester						10026-04-7 141-78-6
T /°C = 25.0									57U1
x_2	0.0000	0.1019	0.1965	0.3287	0.4867	0.6205	0.7716	1.0000	
η /(mPa s)	0.462	0.448	0.437	0.426	0.416	0.423	0.418	0.425	
T /°C = 35.0									57U1
x_2	0.0000	0.1019	0.1965	0.3287	0.4867	0.6205	0.7716	1.0000	
η /(mPa s)	0.442	0.430	0.423	0.406	0.396	0.404	0.395	0.401	
T /°C = 45.0									57U1
x_2	0.0000	0.1965	0.3287	0.4867	0.6205	0.7716	1.0000		
η /(mPa s)	0.362	0.405	0.382	0.380	0.371	0.382	0.380		
74	Cl₄Si (1) C₆H₅NO₂ (2)		tetrachloro-silane nitrobenzene						10026-04-7 98-95-3
T /°C = 20.0									57U1
x_2	0.0000	0.1845	0.3548	0.4840	0.6409	0.8320	1.0000		
η /(mPa s)	0.482	0.607	0.722	0.920	1.212	1.593	1.986		
T /°C = 30.0									57U1
x_2	0.0000	0.1845	0.3548	0.4840	0.6409	0.8320	1.0000		
η /(mPa s)	0.442	0.534	0.697	0.805	1.027	1.389	1.668		

$T/^\circ\text{C} = 40.0$									57U1
x_2	0.0000	0.1845	0.3548	0.4840	0.6409	0.8320	1.0000		
$\eta/(\text{mPa s})$	0.402	0.479	0.600	0.717	0.901	1.146	1.407		
75	Cl₄Si (1) C₆H₁₄O₂ (2)		tetrachloro-silane 1,1-diethoxy-ethane					10026-04-7 105-57-7	
$T/^\circ\text{C} = 20.0$									58U2
x_2	0.0000	0.1300	0.2026	0.3244	0.4102	0.4927	0.5909	0.6377	0.6703
$\eta/(\text{mPa s})$	0.482	0.489	0.488	0.503	0.515	0.542	0.572	0.591	0.609
x_2	0.7100	0.7457	0.8082	0.8385	0.8813	0.9655	1.0000		
$\eta/(\text{mPa s})$	0.606	0.600	0.586	0.555	0.514	0.465	0.451		
$T/^\circ\text{C} = 30.0$									58U2
x_2	0.0000	0.1300	0.2026	0.3244	0.4102	0.4927	0.5909	0.6377	0.6703
$\eta/(\text{mPa s})$	0.462	0.450	0.450	0.459	0.475	0.492	0.515	0.534	0.538
x_2	0.7100	0.7457	0.8082	0.8385	0.8813	0.9655	1.0000		
$\eta/(\text{mPa s})$	0.552	0.541	0.520	0.492	0.456	0.416	0.404		
$T/^\circ\text{C} = 40.0$									58U2
x_2	0.0000	0.1300	0.2026	0.3244	0.4102	0.4927	0.5909	0.6377	0.6703
$\eta/(\text{mPa s})$	0.402	0.410	0.413	0.421	0.427	0.442	0.461	0.476	0.484
x_2	0.7100	0.7457	0.8082	0.8385	0.8813	0.9655	1.0000		
$\eta/(\text{mPa s})$	0.490	0.481	0.467	0.447	0.410	0.375	0.364		
76	Cl₄Si (1) C₇H₈O (2)		tetrachloro-silane methoxybenzene					10026-04-7 100-66-3	
$T/^\circ\text{C} = 20.0$									57U1
x_2	0.0000	0.1653	0.3641	0.5047	0.6700	0.8204	0.9222	1.0000	
$\eta/(\text{mPa s})$	0.482	0.536	0.634	0.652	0.721	0.920	0.979	1.084	
$T/^\circ\text{C} = 30.0$									57U1
x_2	0.0000	0.1653	0.3641	0.5047	0.6700	0.8204	0.9222	1.0000	
$\eta/(\text{mPa s})$	0.441	0.475	0.563	0.584	0.693	0.791	0.847	0.928	
$T/^\circ\text{C} = 40.0$									57U1
x_2	0.0000	0.1653	0.3641	0.5047	0.6700	0.8204	0.9222	1.0000	
$\eta/(\text{mPa s})$	0.402	0.436	0.504	0.528	0.604	0.706	0.713	0.806	
77	Cl₄Si (1) C₁₃H₁₀O (2)		tetrachloro-silane benzophenone					10026-04-7 119-61-9	
$T/^\circ\text{C} = 15.0$									57U1
x_2	0.0000	0.2457	0.3463	0.4838	0.6583	0.7605	0.8710		

$\eta /(\text{mPa s})$	0.362	0.999	1.353	1.828	2.786	3.853	4.939
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78	Cl_4Sn (1)	$\text{C}_2\text{HCl}_3\text{O}_2$ (2)	tetrachloro-stannane	trichloroacetic acid	7646-78-8	76-03-9
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$T/^\circ\text{C} = 50.0$									51S4
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x_1	0.0000	0.1911	0.4395	0.6670	1.0000
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$\eta /(\text{mPa s})$	4.824	2.660	1.448	0.959	0.683
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$T/^\circ\text{C} = 60.0$									51S4
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x_1	0.0000	0.1911	0.4395	0.6670	1.0000
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$\eta /(\text{mPa s})$	3.815	2.244	1.283	0.867	0.650
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$T/^\circ\text{C} = 70.0$									51S4
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x_1	0.0000	0.1911	0.4395	0.6670	1.0000
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$\eta /(\text{mPa s})$	3.033	1.921	1.134	0.757	0.589
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79	Cl_4Sn (1)	$\text{C}_2\text{H}_2\text{Cl}_2\text{O}_2$ (2)	tetrachloro-stannane	dichloroacetic acid	7646-78-8	79-43-6
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$T/^\circ\text{C} = 35.0$									51S4
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x_1	0.0000	0.1000	0.2027	0.3211	0.5002	0.8050
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$\eta /(\text{mPa s})$	4.779	3.657	2.621	2.121	1.445	0.831
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$T/^\circ\text{C} = 50.0$									51S4
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x_1	0.0000	0.1000	0.2027	0.3211	0.5002	0.8050	1.0000
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$\eta /(\text{mPa s})$	3.243	2.609	1.982	1.630	1.090	0.705	0.683
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$T/^\circ\text{C} = 60.0$									51S4
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x_1	0.0000	0.1000	0.2027	0.3211	0.5002	0.8050	1.0000
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$\eta /(\text{mPa s})$	2.626	2.158	1.691	1.461	0.969	0.627	0.650
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$T/^\circ\text{C} = 70.0$									51S4
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x_1	0.0000	0.1000	0.2027	0.3211	0.5002	0.8050	1.0000
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$\eta /(\text{mPa s})$	2.146	1.816	1.405	1.324	0.864	0.577	0.589
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80	Cl_4Sn (1)	$\text{C}_2\text{H}_3\text{ClO}_2$ (2)	tetrachloro-stannane	chloroacetic acid	7646-78-8	79-11-8
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$T/^\circ\text{C} = 50.0$									51U4
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x_1	0.0000	0.0250	0.0506	0.0951	0.1491	0.2041	0.2511	0.3456	0.4928
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$\eta /(\text{mPa s})$	3.091	3.305	3.944	4.193	4.170	3.921	2.927	2.003	1.410
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x_1	0.6663	0.7708	1.0000
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$\eta /(\text{mPa s})$	0.948	0.836	0.683
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$T/^\circ\text{C} = 60.0$									51U4
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x_1	0.0000	0.0250	0.0506	0.0951	0.1491	0.2041	0.2511	0.3456	0.4928
$\eta /(\text{mPa s})$	2.446	2.615	3.115	3.069	3.013	2.741	2.315	1.796	1.321
x_1	0.6663	0.7708	1.0000						
$\eta /(\text{mPa s})$	0.874	0.764	0.650						
$T / ^\circ\text{C} = 70.0$									51U4
x_1	0.0000	0.0250	0.0506	0.0951	0.1491	0.2041	0.2511	0.3456	0.4928
$\eta /(\text{mPa s})$	2.051	2.100	2.441	2.335	2.214	1.985	1.842	1.450	1.121
x_1	0.6663	0.7708	1.0000						
$\eta /(\text{mPa s})$	0.777	0.680	0.589						

81	Cl₄Sn (1)	C₂H₄O₂ (2)	tetrachloro-stannane						7646-78-8	
			acetic acid						64-19-7	
$T / ^\circ\text{C} = 0.0$									47U2	
x_1	0.0691	0.0978	0.1385	0.1440	0.1673	0.2284	0.2499	0.2720	0.3324	
$\eta /(\text{mPa s})$	20.33	46.87	362.51	469.25	1095.02	5673.3	7291.3	7001.2	2099.6	
x_1	0.3591									
$\eta /(\text{mPa s})$	1007.7									
$T / ^\circ\text{C} = 25.0$									47U2	
x_1	0.0000	0.0303	0.0441	0.0542	0.0691	0.0978	0.1385	0.1440	0.1673	
$\eta /(\text{mPa s})$	1.10	2.50	3.39	4.36	6.42	11.0	40.56	48.49	77.07	
x_1	0.2284	0.2499	0.2720	0.3324	0.3591					
$\eta /(\text{mPa s})$	243.70	278.52	266.10	135.54	69.87					
$T / ^\circ\text{C} = 50.0$									47U2	
x_1	0.0000	0.0303	0.0441	0.0542	0.0691	0.0978	0.1385	0.1440	0.1673	
$\eta /(\text{mPa s})$	0.75	1.61	1.89	2.29	3.07	4.47	11.14	12.52	18.12	
x_1	0.2284	0.2499	0.2720	0.3324	0.3591					
$\eta /(\text{mPa s})$	37.34	39.50	36.85	25.42	16.21					
$T / ^\circ\text{C} = 25.2$									27S1	
x_1	0.0000	0.0244	0.0520	0.1084	0.1719	0.2290	0.2527	0.2682	0.2969	
$\eta /(\text{mPa s})$	1.155	2.121	4.373	18.97	96.3	258.2	303.4	290.9	210.5	
x_1	0.3151	0.3498	0.3608	0.4111	1.0000					
$\eta /(\text{mPa s})$	164.9	86.4	69.1	42.34	0.84					

82	Cl₄Sn (1)	C₃H₆O₂ (2)	tetrachloro-stannane						7646-78-8	
			formic acid ethyl ester						109-94-4	
$T / ^\circ\text{C} = 30.0$									24K1	
x_1	0.00	0.25	0.30	0.32	0.335	0.36	0.50	0.75	1.00	
$\eta /(\text{mPa s})$	0.375	8.788	31.158	52.286	57.832	44.142	6.871	1.526	0.806	
$T / ^\circ\text{C} = 40.0$									24K1	

x_1	0.00	0.25	0.30	0.32	0.335	0.36	0.50	0.75	1.00
$\eta /(\text{mPa s})$	0.342	6.384	19.034	27.615	29.541	23.514	4.952	1.292	0.725
$T / ^\circ\text{C} = 50.0$									24K1

x_1	0.00	0.25	0.30	0.32	0.335	0.36	0.50	0.75	1.00
$\eta /(\text{mPa s})$	0.311	4.904	12.463	16.102	16.758	14.237	3.753	1.115	0.668

83 **Cl_4Sn (1)** **tetrachloro-stannane** **7646-78-8**
 $\text{C}_4\text{H}_5\text{Cl}_3\text{O}_2$ (2) **trichloroacetic acid ethyl ester** **515-84-4**

$T / ^\circ\text{C} = 20.0$ 59S1

x_1	0.0000	0.1555	0.2385	0.3476	0.4610	0.5516	0.6641	0.7482	0.8055
$\eta /(\text{mPa s})$	1.68	1.59	1.53	1.39	1.28	1.18	1.08	1.02	0.985

x_1	0.9028	1.0000
$\eta /(\text{mPa s})$	0.930	0.888

$T / ^\circ\text{C} = 50.0$ 59S1

x_1	0.0000	0.1555	0.2385	0.3476	0.4610	0.5516	0.6641	0.7482	0.8055
$\eta /(\text{mPa s})$	1.07	1.02	0.979	0.946	0.853	0.795	0.746	0.712	0.706

x_1	0.9028	1.0000
$\eta /(\text{mPa s})$	0.666	0.630

$T / ^\circ\text{C} = 60.0$ 59S1

x_1	0.0000	0.1555	0.2385	0.3476	0.4610	0.5516	0.6641	0.7482	0.8055
$\eta /(\text{mPa s})$	0.931	0.909	0.869	0.806	0.756	0.719	0.677	0.656	0.645

x_1	0.9028	1.0000
$\eta /(\text{mPa s})$	0.612	0.582

$T / ^\circ\text{C} = 70.0$ 59S1

x_1	0.0000	0.1555	0.2385	0.3476	0.4610	0.5516	0.6641	0.7482	0.8055
$\eta /(\text{mPa s})$	0.829	0.816	0.782	0.730	0.687	0.649	0.623	0.600	0.589

x_1	0.9028	1.0000
$\eta /(\text{mPa s})$	0.560	0.539

$T / ^\circ\text{C} = 90.0$ 59S1

x_1	0.0000	0.0943	0.1797	0.3035	0.4610	0.5516	0.7482	0.9028	1.0000
$\eta /(\text{mPa s})$	0.655	0.657	0.638	0.607	0.565	0.543	0.501	0.476	0.463

$T / ^\circ\text{C} = 100.0$ 59S1

x_1	0.0000	0.0943	0.1797	0.3035	0.4610	0.5516	0.7482	0.9028	1.0000
$\eta /(\text{mPa s})$	0.593	0.601	0.585	0.563	0.525	0.504	0.464	0.439	0.429

84 **Cl_4Sn (1)** **tetrachloro-stannane** **7646-78-8**
 $\text{C}_4\text{H}_7\text{ClO}_2$ (2) **chloroacetic acid ethyl ester** **105-39-5**

$T / ^\circ\text{C} = 20.0$ 59S1

x_1	0.0000	0.0499	0.0998	0.1508	0.1996	0.2853	0.3268	0.3878	0.4411
$\eta /(\text{mPa s})$	1.19	1.51	1.95	2.56	3.20	4.19	4.50	4.24	3.79
x_1	0.4911	0.5962	0.6950	0.8351	1.0000				
$\eta /(\text{mPa s})$	3.10	2.20	1.63	1.16	0.888				
$T / ^\circ\text{C} = 50.0$									59S1
x_1	0.0000	0.0499	0.0998	0.1508	0.1996	0.2853	0.3268	0.3878	0.4411
$\eta /(\text{mPa s})$	0.773	0.880	1.01	1.13	1.22	1.35	1.37	1.40	1.30
x_1	0.4911	0.5962	0.6950	0.8351	1.0000				
$\eta /(\text{mPa s})$	1.28	1.09	0.940	0.789	0.630				
$T / ^\circ\text{C} = 60.0$									59S1
x_1	0.0000	0.0499	0.0998	0.1508	0.1996	0.2853	0.3268	0.3878	0.4411
$\eta /(\text{mPa s})$	0.685	0.765	0.847	0.935	0.983	1.06	1.07	1.10	1.07
x_1	0.4911	0.5962	0.6950	0.8351	1.0000				
$\eta /(\text{mPa s})$	1.05	0.923	0.825	0.686	0.582				
$T / ^\circ\text{C} = 70.0$									59S1
x_1	0.0000	0.0499	0.0998	0.1508	0.1996	0.2853	0.3268	0.3878	0.4411
$\eta /(\text{mPa s})$	0.612	0.661	0.728	0.770	0.823	0.876	0.878	0.905	0.875
x_1	0.4911	0.5962	0.6950	0.8351	1.0000				
$\eta /(\text{mPa s})$	0.874	0.780	0.717	0.623	0.539				

85 **Cl₄Sn (1)** **tetrachloro-stannane** **7646-78-8**
C₄H₈O₂ (2) **acetic acid ethyl ester** **141-78-6**

$T / ^\circ\text{C} = 25.0$									24K1
x_1	0.00	0.25	0.326	0.334	0.346	0.359	0.50	0.70	1.00
$\eta /(\text{mPa s})$	0.441	11.755	44.770	50.318	46.801	38.449	6.448	1.893	0.919
$T / ^\circ\text{C} = 50.0$									24K1
x_1	0.00	0.25	0.326	0.334	0.346	0.359	0.50	0.70	1.00
$\eta /(\text{mPa s})$	0.345	4.950	10.496	11.247	10.924	10.218	3.233	1.245	0.668
$T / ^\circ\text{C} = 70.0$									24K1
x_1	0.00	0.25	0.326	0.334	0.346	0.359	0.50	0.70	1.00
$\eta /(\text{mPa s})$	0.283	2.751	4.375	4.639	4.599	4.387	2.089	0.992	0.600

86 **Cl₄Sn (1)** **tetrachloro-stannane** **7646-78-8**
C₄H₈O₂ (2) **formic acid propyl ester** **110-74-7**

$T / ^\circ\text{C} = 50.0$									24K1
x_1	0.00	0.25	0.32	0.334	0.35	0.50	0.75	1.00	
$\eta /(\text{mPa s})$	0.394	5.859	14.995	16.467	15.303	4.281	1.204	0.668	
$T / ^\circ\text{C} = 70.0$									24K1
x_1	0.00	0.25	0.32	0.334	0.35	0.50	0.75	1.00	

$\eta /(\text{mPa s})$	0.325	3.239	6.066	6.557	6.201	2.528	0.896	0.600
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87	Cl₄Sn (1) C₅H₁₀O₂ (2)	tetrachloro-stannane propionic acid ethyl ester	7646-78-8 105-37-3
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$T/^\circ\text{C} = 50.0$									24K1
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x_1	0.00	0.10	0.25	0.30	0.3333	0.35	0.40	0.50	0.60
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$\eta /(\text{mPa s})$	0.529	1.051	5.997	13.710	20.970	21.400	13.380	5.276	2.883
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x_1	0.75	0.90	1.00						
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$\eta /(\text{mPa s})$	1.597	1.110	0.919						
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$T/^\circ\text{C} = 70.0$									24K1
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x_1	0.00	0.10	0.25	0.30	0.3333	0.35	0.40	0.50	0.60
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$\eta /(\text{mPa s})$	0.329	0.362	1.501	1.885	2.181	2.247	2.147	1.517	1.120
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x_1	0.75	0.90	1.00						
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$\eta /(\text{mPa s})$	0.807	0.667	0.601						
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88	Cl₄Sn (1) C₅H₁₀O₃ (2)	tetrachloro-stannane carbonic acid diethyl ester	7646-78-8 105-58-8
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$T/^\circ\text{C} = 40.0$									37K1
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x_1	0.00	0.10	0.20	0.30	0.32	0.335	0.34	0.35	0.37
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$\eta /(\text{mPa s})$	0.626	1.363	3.242	7.121	8.662	9.525	9.754	9.482	8.151
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x_1	0.40	0.45	0.50	0.60	0.75	1.00			
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$\eta /(\text{mPa s})$	7.207	5.920	4.852	3.171	1.651	0.751			
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$T/^\circ\text{C} = 50.0$									37K1
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x_1	0.00	0.10	0.20	0.30	0.32	0.335	0.34	0.35	0.37
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$\eta /(\text{mPa s})$	0.575	1.135	2.249	5.132	6.102	6.451	6.551	6.653	6.738
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x_1	0.40	0.45	0.50	0.60	0.75	1.00			
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$\eta /(\text{mPa s})$	6.451	5.154	3.853	2.315	1.168	0.651			
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$T/^\circ\text{C} = 60.0$									37K1
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x_1	0.00	0.10	0.20	0.30	0.335	0.34	0.35	0.37	0.40
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$\eta /(\text{mPa s})$	0.442	0.934	1.565	2.575	2.851	2.942	3.051	3.201	3.301
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x_1	0.45	0.50	0.60	0.75	1.00				
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$\eta /(\text{mPa s})$	3.228	2.825	2.035	1.125	0.555				
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$T/^\circ\text{C} = 75.0$									37K1
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x_1	0.00	0.10	0.20	0.30	0.32	0.335	0.34	0.35	0.37
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$\eta /(\text{mPa s})$	0.368	0.725	1.143	1.725	1.923	2.062	2.161	2.303	2.451
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x_1	0.40	0.45	0.50	0.60	0.75	1.00			
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$\eta /(\text{mPa s})$	2.552	2.605	2.304	1.612	0.955	0.451			
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89	Cl₄Sn (1)	tetrachloro-stannane	7646-78-8
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	C₆H₄N₂O₄ (2)		1,3-dinitro-benzene							99-65-0
$T/^\circ\text{C} = 80.0$										56U6
x_2	0.0000	0.2501	0.4849	0.6283	0.7729	0.9394	1.0000			
$\eta/(\text{mPa s})$	0.504	0.807	1.47	1.89	2.40	2.98	3.17			
$T/^\circ\text{C} = 100.0$										56U6
x_2	0.0000	0.2501	0.4849	0.6283	0.7729	0.9394	1.0000			
$\eta/(\text{mPa s})$	0.471	0.706	1.09	1.44	1.82	2.17	2.31			
90	Cl₄Sn (1) C₆H₅NO₂ (2)		tetrachloro-stannane nitrobenzene							7646-78-8 98-95-3
$T/^\circ\text{C} = 20.0$										56U6
x_2	0.0000	0.2997	0.4358	0.4678	0.5860	0.7242	0.7561	0.8864	1.0000	
$\eta/(\text{mPa s})$	0.927	1.37	1.59	1.68	1.92	2.11	2.11	2.10	2.00	
$T/^\circ\text{C} = 40.0$										56U6
x_2	0.0000	0.2997	0.4358	0.4678	0.5860	0.7242	0.7561	0.8864	1.0000	
$\eta/(\text{mPa s})$	0.758	0.975	1.13	1.16	1.29	1.41	1.42	1.45	1.41	
$T/^\circ\text{C} = 60.0$										56U6
x_2	0.0000	0.2997	0.4358	0.4678	0.5860	0.7242	0.7561	0.8864	1.0000	
$\eta/(\text{mPa s})$	0.673	0.764	0.852	0.878	0.966	1.04	1.05	1.09	1.08	
$T/^\circ\text{C} = 80.0$										56U6
x_2	0.0000	0.2997	0.4358	0.4678	0.5860	0.7242	0.7561	0.8864	1.0000	
$\eta/(\text{mPa s})$	0.540	0.630	0.689	0.695	0.754	0.806	0.811	0.840	0.842	
91	Cl₄Sn (1) C₆H₅NO₃ (2)		tetrachloro-stannane 2-nitro-phenol							7646-78-8 88-75-5
$T/^\circ\text{C} = 20.0$										56U7
x_2	0.0000	0.1986	0.5082							
$\eta/(\text{mPa s})$	0.881	1.06	1.75							
$T/^\circ\text{C} = 40.0$										56U7
x_2	0.0000	0.1986	0.5082	0.7082	0.9469	1.0000				
$\eta/(\text{mPa s})$	0.758	0.881	1.32	1.82	2.62	3.02				
$T/^\circ\text{C} = 60.0$										56U7
x_2	0.0000	0.1986	0.5082	0.7082	0.9521	1.0000				
$\eta/(\text{mPa s})$	0.637	0.719	0.980	1.25	1.78	1.96				
92	Cl₄Sn (1) C₆H₆ (2)		tetrachloro-stannane benzene							7646-78-8 71-43-2
$T/^\circ\text{C} = 25.0$										24K1

x_1	0.00	0.25	0.50	0.75	1.00				
$\eta /(\text{mPa s})$	0.608	0.600	0.638	0.713	0.919				
$T / ^\circ\text{C} = 70.0$									24K1
x_1	0.00	0.25	0.50	0.75	1.00				
$\eta /(\text{mPa s})$	0.363	0.375	0.399	0.479	0.600				
93	Cl₄Sn (1)		tetrachloro-stannane						7646-78-8
	C₆H₆O (2)		phenol						108-95-2
$T / ^\circ\text{C} = 20.0$									56U5
x_2	0.0000	0.3020	0.4122	0.4946	0.5661	0.6637	0.7032	0.7258	0.7606
$\eta /(\text{mPa s})$	0.927	1.82	2.80	4.17	5.97	11.9	16.3	21.6	25.9
x_2	0.7983	0.8451	0.8994	0.9039					
$\eta /(\text{mPa s})$	38.4	47.4	42.7	40.4					
$T / ^\circ\text{C} = 40.0$									56U5
x_2	0.0000	0.3020	0.4122	0.4946	0.5661	0.6637	0.7032	0.7258	0.7606
$\eta /(\text{mPa s})$	0.758	1.21	1.63	2.19	2.73	4.28	4.97	5.56	6.28
x_2	0.7983	0.8451	0.8994	0.9039	1.0000				
$\eta /(\text{mPa s})$	7.92	8.64	8.65	8.54	4.79				
$T / ^\circ\text{C} = 60.0$									56U5
x_2	0.0000	0.3020	0.4122	0.4946	0.5661	0.6637	0.7032	0.7258	0.7606
$\eta /(\text{mPa s})$	0.637	0.864	1.08	1.38	1.55	2.11	2.29	2.41	2.57
x_2	0.7983	0.8451	0.8994	0.9039	1.0000				
$\eta /(\text{mPa s})$	2.96	3.15	3.26	3.27	2.48				
$T / ^\circ\text{C} = 80.0$									56U5
x_2	0.0000	0.3020	0.4122	0.4946	0.5661	0.6637	0.7032	0.7258	0.7606
$\eta /(\text{mPa s})$	0.540	0.651	0.767	0.937	1.03	1.26	1.33	1.36	1.40
x_2	0.7983	0.8451	0.8994	0.9039	1.0000				
$\eta /(\text{mPa s})$	1.58	1.64	1.70	1.73	1.52				
94	Cl₄Sn (1)		tetrachloro-stannane						7646-78-8
	C₆H₁₂O₂ (2)		butyric acid ethyl ester						105-54-4
$T / ^\circ\text{C} = 25.0$									24K1
x_1	0.00	0.25	0.308	0.325	0.333	0.340	0.345	0.350	0.360
$\eta /(\text{mPa s})$	0.628	6.426	14.612	18.196	19.315	19.618	19.828	19.597	18.778
x_1	0.50	0.75	1.00						
$\eta /(\text{mPa s})$	4.124	1.893	0.919						
$T / ^\circ\text{C} = 50.0$									24K1
x_1	0.00	0.25	0.308	0.325	0.333	0.340	0.345	0.350	0.360
$\eta /(\text{mPa s})$	0.466	2.751	4.489	5.032	5.244	5.281	5.338	5.363	5.320

x_1	0.50	0.75	1.00						
$\eta /(\text{mPa s})$	2.864	1.245	0.668						
$T / ^\circ\text{C} = 70.0$									24K1
x_1	0.00	0.25	0.308	0.325	0.333	0.340	0.345	0.350	0.360
$\eta /(\text{mPa s})$	0.381	1.512	2.077	2.265	2.332	2.353	2.370	2.396	2.406
x_1	0.50	0.75	1.00						
$\eta /(\text{mPa s})$	1.782	0.992	0.600						
95	Cl₄Sn (1) C₇H₇NO₃ (2)		tetrachloro-stannane 1-methoxy-3-nitro-benzene						7646-78-8 555-03-3
$T / ^\circ\text{C} = 40.0$									78P1
x_1	0.0000	0.1033	0.2311	0.3100	0.4849	0.6527	0.8075	1.0000	
$\eta /(\text{mPa s})$	2.88	2.70	2.34	2.15	1.74	1.28	1.00	0.758	
$T / ^\circ\text{C} = 60.0$									78P1
x_1	0.0000	0.1033	0.2311	0.3100	0.4849	0.6527	0.8075	1.0000	
$\eta /(\text{mPa s})$	1.77	1.69	1.53	1.37	1.16	0.960	0.769	0.637	
$T / ^\circ\text{C} = 80.0$									78P1
x_1	0.0000	0.1033	0.2311	0.3100	0.4849	0.6527	0.8075	1.0000	
$\eta /(\text{mPa s})$	1.21	1.19	1.10	1.00	0.850	0.741	0.624	0.540	
96	Cl₄Sn (1) C₇H₈O (2)		tetrachloro-stannane methoxybenzene						7646-78-8 100-66-3
$T / ^\circ\text{C} = 20.0$									56U8
x_2	0.0000	0.2995	0.4605	0.5982	0.6599	0.7250	0.8998	1.0000	
$\eta /(\text{mPa s})$	0.927	0.932	0.958	1.01	1.04	1.07	1.10	1.08	
$T / ^\circ\text{C} = 40.0$									56U8
x_2	0.0000	0.2995	0.4605	0.5982	0.6599	0.7250	0.8998	1.0000	
$\eta /(\text{mPa s})$	0.758	0.724	0.732	0.746	0.765	0.779	0.811	0.795	
$T / ^\circ\text{C} = 60.0$									56U8
x_2	0.0000	0.2995	0.4605	0.5982	0.6599	0.7250	0.8998	1.0000	
$\eta /(\text{mPa s})$	0.637	0.590	0.589	0.593	0.606	0.626	0.631	0.627	
$T / ^\circ\text{C} = 80.0$									56U8
x_2	0.0000	0.2995	0.4605	0.5982	0.6599	0.7250	0.8998	1.0000	
$\eta /(\text{mPa s})$	0.540	0.501	0.492	0.491	0.492	0.502	0.513	0.502	
97	Cl₄Sn (1) C₈H₁₄O₄ (2)		tetrachloro-stannane butanedioic acid diethyl ester						7646-78-8 123-25-1
$T / ^\circ\text{C} = 100.0$									37K1

x_1	0.00	0.10	0.20	0.30	0.333	0.40	0.49	0.50	0.52
$\eta /(\text{mPa s})$	0.383	0.545	1.025	1.718	2.068	2.860	4.793	5.216	4.969
x_1	0.55	0.60	0.666	0.75	90.0	1.00			
$\eta /(\text{mPa s})$	3.627	2.711	1.608	0.783	0.391	0.242			

98	Cl₄Sn (1)		tetrachloro-stannane						7646-78-8	
	C₉H₁₀O₂ (2)		benzoic acid ethyl ester						93-89-0	
$T/^\circ\text{C} = 25.0$										24K1
x_1	0.00	0.25	0.334	0.35	0.375	0.40	0.45	0.50	0.70	
$\eta /(\text{mPa s})$	2.034	7.896	11.584	11.779	11.863	11.848	10.551	8.267	2.715	
x_1	1.00									
$\eta /(\text{mPa s})$	0.919									
$T/^\circ\text{C} = 50.0$										24K1
x_1	0.00	0.25	0.334	0.35	0.375	0.40	0.45	0.50	0.70	
$\eta /(\text{mPa s})$	1.280	2.648	3.200	3.222	3.305	3.370	3.340	3.058	1.558	
x_1	1.00									
$\eta /(\text{mPa s})$	0.667									
$T/^\circ\text{C} = 70.0$										24K1
x_1	0.00	0.25	0.334	0.35	0.375	0.40	0.45	0.50	0.70	
$\eta /(\text{mPa s})$	0.955	1.555	1.766	1.777	1.797	1.855	1.853	1.743	1.009	
x_1	1.00									
$\eta /(\text{mPa s})$	0.600									

99	Cl₄Sn (1)		tetrachloro-stannane						7646-78-8	
	C₁₀H₂₀O₂ (2)		acetic acid octyl ester						112-14-1	
$T/^\circ\text{C} = 25.0$										59S2
x_1	0.0000	0.2032	0.3390	0.5076	0.5826	0.7675	0.8957			
$\eta /(\text{mPa s})$	1.67	12.4	65.1	16.4	8.12	4.57	1.62			
$T/^\circ\text{C} = 50.0$										59S2
x_1	0.0000	0.2032	0.3390	0.5076	0.5826	0.7675	0.8957	1.0000		
$\eta /(\text{mPa s})$	1.05	5.08	13.6	6.36	3.79	2.47	0.909	0.630		

100	Cl₄Sn (1)		tetrachloro-stannane						7646-78-8	
	C₁₈H₃₆O₂ (2)		acetic acid hexadecyl ester						629-70-9	
$T/^\circ\text{C} = 40.0$										59S2
x_1	0.0000	0.1224	0.2608	0.3327	0.3866	0.5413	0.7094	0.8497	1.0000	
$\eta /(\text{mPa s})$	5.01	10.4	31.0	43.8	37.9	15.4	5.46	2.22	0.699	
$T/^\circ\text{C} = 50.0$										59S2

x_1	0.0000	0.1224	0.2608	0.3327	0.3866	0.5413	0.7094	0.8497	1.0000
η /(mPa s)	3.85	7.57	18.6	24.8	22.9	11.0	4.36	1.90	0.630
$T/^\circ\text{C} = 60.0$									59S2
x_1	0.0000	0.1224	0.2608	0.3327	0.3866	0.5413	0.7094	0.8497	1.0000
η /(mPa s)	3.20	5.63	11.6	15.2	14.3	8.15	3.60	1.65	0.582
$T/^\circ\text{C} = 70.0$									59S2
x_1	0.0000	0.1224	0.2608	0.3327	0.3866	0.5413	0.7094	0.8497	1.0000
η /(mPa s)	2.67	4.30	7.79	9.63	9.46	6.21	3.02	1.44	0.539
101	D₂O (1) CH₄O (2)	dideuterium oxide methanol						7789-20-0 67-56-1	
$T/^\circ\text{C} = 25.0$									80W2
x_2	0.0000	0.0439	0.0913	0.1386	0.2106	0.3063	0.4501	0.5650	
η /(mPa s)	1.0956	1.3240	1.5456	1.7281	1.8544	1.8275	1.5888	1.3524	(D ₂ ¹⁶ O)
$T/^\circ\text{C} = 25.0$									80W2
x_2	0.0000	0.0449	0.0748	0.0829	0.1437	0.2044	0.3143	0.4238	
η /(mPa s)	1.0956	1.3240	1.5456	1.7281	1.8544	1.8275	1.5888	1.3524	(D ₂ ¹⁸ O)
102	D₂O (1) C₂D₆OS (2)	dideuterium oxide hexadeuterio-dimethyl-sulfoxide						7789-20-0 2206-27-1	
$T/\text{K} = 298.15$									97S1
x_1	0.0500	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000
η^E /(mPa s)	0.1279	0.2778	0.6196	1.046	1.589	2.212	2.772	2.925	2.249
x_1	0.9000	0.9500							
η^E /(mPa s)	1.045	0.4751							
103	D₂O (1) C₂H₆OS (2)	dideuterium oxide dimethyl sulfoxide						7789-20-0 67-68-5	
$T/\text{K} = 298.15$									97S1
x_1	0.0500	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000
η^E /(mPa s)	0.1209	0.2268	0.5406	0.9754	1.459	2.071	2.639	2.799	2.204
x_1	0.9000	0.9500							
η^E /(mPa s)	1.045	0.4891							
104	D₂O (1) C₄H₈O₂ (2)	dideuterium oxide 1,4-dioxane						7789-20-0 123-91-1	
$T/^\circ\text{C} = 20.0$									69R1
x_1	0.0000	0.1561	0.1831	0.3467	0.5220	0.5977	0.6534	0.7431	0.8126

η /(mPa s)	1.302	1.341	1.377	1.620	2.018	2.237	2.408	2.616	2.612
x_1	0.8683	0.9108	0.9466	0.9747	1.0000				
η /(mPa s)	2.323	2.009	1.715	1.459	1.243				
T /°C = 30.0									69R1
x_1	0.0000	0.1561	0.1831	0.3467	0.5220	0.5977	0.6534	0.7431	0.8126
η /(mPa s)	1.087	1.112	1.154	1.317	1.585	1.728	1.836	1.968	1.959
x_1	0.8683	0.9108	0.9466	0.9747	1.0000				
η /(mPa s)	1.754	1.528	1.321	1.131	0.973				
T /°C = 40.0									69R1
x_1	0.0000	0.1561	0.1831	0.3467	0.5220	0.5977	0.6534	0.7431	0.8126
η /(mPa s)	0.929	0.944	0.972	1.092	1.289	1.378	1.447	1.529	1.520
x_1	0.8683	0.9108	0.9466	0.9747	1.0000				
η /(mPa s)	1.367	1.199	1.047	0.905	0.785				
T /°C = 50.0									69R1
x_1	0.0000	0.1561	0.1831	0.3467	0.5220	0.5977	0.6534	0.7431	0.8126
η /(mPa s)	0.809	0.817	0.831	0.918	1.060	1.128	1.172	1.233	1.213
x_1	0.8683	0.9108	0.9466	0.9747	1.0000				
η /(mPa s)	1.098	0.970	0.853	0.742	0.649				

105	HNO₃ (1)		nitric acid						7697-37-2
	C₂HF₃O₂ (2)		trifluoroacetic acid						76-05-1
T /°C = 25.0									63F5
x_2	0.0000	0.2559	0.4658	0.5885	0.6337	0.6356	0.7599	0.8164	1.0000
η /(mPa s)	0.810	0.837	0.920	0.943	0.945	0.944	0.944	0.928	0.813
T /°C = 50.0									63F5
x_2	0.0000	0.2559	0.4658	0.5885	0.6337	0.6356	0.7599	0.8164	1.0000
η /(mPa s)	0.548	0.598	0.638	0.644	0.646	0.645	0.641	0.637	0.576

106	HNO₃ (1)		nitric acid						7697-37-2
	C₂H₄O₂ (2)		acetic acid						64-19-7
T /°C = 0.0									47M1
x_1	0.0000	0.2000	0.3333	0.4000	0.4500	0.5000	0.6000	0.7000	0.9000
η /(mPa s)	1.757	2.094	3.538	3.585	3.546	3.397	2.926	2.284	1.428
x_1	1.0000								
η /(mPa s)	1.223								
T /°C = 20.0									47M1
x_1	0.0000	0.2000	0.3333	0.4000	0.4500	0.5000	0.6000	0.7000	0.9000
η /(mPa s)	1.183	1.716	1.950	1.965	1.942	1.895	1.703	1.448	1.071
x_1	1.0000								

η /(mPa s)	0.946									
$T/^\circ\text{C} = 40.0$										
x_1	0.0000	0.2000	0.3333	0.4000	0.4500	0.5000	0.6000	0.7000	0.9000	
η /(mPa s)	0.818	1.063	1.189	1.205	1.193	1.166	1.088	0.970	0.764	
x_1	1.0000									
η /(mPa s)	0.715									
107	HNO₃ (1) C₄H₆O₃ (2)	nitric acid acetic acid anhydride							7697-37-2 108-24-7	
$T/^\circ\text{C} = 0.0$										
x_1	0.0000	0.1194	0.1568	0.2039	0.2860	0.4025	0.4536	0.4951	0.5507	
η /(mPa s)	1.228	1.230	1.229	1.234	1.227	1.240	1.276	1.309	1.398	
x_1	0.6027									
η /(mPa s)	1.503									
$T/^\circ\text{C} = 10.0$										
x_1	0.0000	0.1568	0.2039	0.2860	0.4025	0.4298	0.4951	0.5507	0.6027	
η /(mPa s)	1.032	1.038	1.040	1.035	1.043	1.064	1.103	1.163	1.245	
108	H₂O₄S (1) C₂HCl₃O₂ (2)	sulfuric acid trichloroacetic acid							7664-93-9 76-03-9	
$T/^\circ\text{C} = 50.0$										
x_2	0.0000	0.0919	0.1966	0.2988	0.3388	0.3523	0.5086	0.6707	0.7769	
η /(mPa s)	10.67	12.54	14.11	14.78	14.92	14.86	13.01	10.88	8.82	
x_2	1.0000									
η /(mPa s)	4.99									
$T/^\circ\text{C} = 75.0$										
x_2	0.0000	0.0919	0.1966	0.2988	0.3388	0.3523	0.5086	0.6707	0.7769	
η /(mPa s)	5.93	6.70	7.30	7.40	7.51	7.42	6.52	5.47	4.69	
x_2	1.0000									
η /(mPa s)	2.88									
$T/^\circ\text{C} = 60.0$										
x_1	0.0000	0.0259	0.2034	0.2944	0.4542	0.5250	0.6515	0.8546	0.9848	
η /(mPa s)	3.8	4.1	4.2	4.7	5.4	5.7	8.5	8.6	10.1	
x_1	1.0000									
η /(mPa s)	10.5									
109	H₂O₄S (1) C₂HF₃O₂ (2)	sulfuric acid trifluoroacetic acid							7664-93-9 76-05-1	

$T/^\circ\text{C} = 25.0$										63F3
x_2	0.0000	0.0520	0.1076	0.2031	0.3004	0.4087	0.4300	0.4562	0.4990	
$\eta/(\text{mPa s})$	23.49	23.21	22.25	19.71	16.24	12.15	11.32	10.39	8.90	
x_2	0.5514	0.6054	0.7272	0.8023	1.0000					
$\eta/(\text{mPa s})$	7.27	5.85	3.36	2.33	0.813					
$T/^\circ\text{C} = 50.0$										63F3
x_2	0.0000	0.0520	0.1076	0.2031	0.3004	0.4087	0.4300	0.4562	0.4990	
$\eta/(\text{mPa s})$	10.67	10.56	10.31	9.25	7.86	6.17	5.79	5.29	4.67	
x_2	0.5514	0.6054	0.7272	0.8023	1.0000					
$\eta/(\text{mPa s})$	3.91	3.23	1.99	1.44	0.576					
110	H₂O₄S (1)		sulfuric acid							7664-93-9
	C₂H₄O₂ (2)		acetic acid							64-19-7
$T/^\circ\text{C} = 15.0$										35U2
x_2	0.0584	0.0960	0.1803	0.3006	0.3215	0.4459	0.4833	0.5844	0.6231	
$\eta/(\text{mPa s})$	32.0	35.5	45.5	83.0	97.0	139.0	139.5	132.0	119.0	
x_2	0.6597	0.6772	0.7321	0.8122						
$\eta/(\text{mPa s})$	89.0	78.0	54.0	40.0						
$T/^\circ\text{C} = 15.0$										11D1
w_2	0.0000	0.0993	0.2988	0.5018	0.7007	0.9001	1.0000			
$\eta/(\text{mPa s})$	26.939	41.947	137.174	114.679	31.348	3.817	1.333			
$T/^\circ\text{C} = 76.5$										11D1
w_2	0.0000	0.0993	0.2988	0.5018	0.7007	0.9001	1.0000			
$\eta/(\text{mPa s})$	5.033	7.174	10.718	9.434	3.891	1.256	0.564			
111	H₂O₄S (1)		sulfuric acid							7664-93-9
	C₂H₅NO (2)		acetamide							60-35-5
$T/^\circ\text{C} = 25.0$										74B1
x_1	0.2037	0.2704	0.3295	0.3949	0.4954	0.5814	0.6743	0.7942	0.8693	
$\eta/(\text{mPa s})$	768.2	1992.6	2797.5	3342.4	1604.8	258.3	77.4	27.6	22.4	
x_1	1.0000									
$\eta/(\text{mPa s})$	23.7									
$T/^\circ\text{C} = 50.0$										74B1
x_1	0.0000	0.2037	0.2704	0.3295	0.3949	0.4954	0.5814	0.6743	0.7942	
$\eta/(\text{mPa s})$	7.1	118.5	270.0	367.0	472.5	312.7	83.0	30.9	13.4	
x_1	0.8693	1.0000								
$\eta/(\text{mPa s})$	10.9	10.9								
$T/^\circ\text{C} = 75.0$										74B1

x_1	0.0000	0.2037	0.2704	0.3295	0.3949	0.4954	0.5814	0.6743	0.7942
$\eta /(\text{mPa s})$	3.1	35.0	70.3	96.8	125.1	102.0	37.0	16.6	7.9
x_1	0.8693	1.0000							
$\eta /(\text{mPa s})$	6.5	5.8							

112	H₂O₄S (1) C₂H₆O₄S (2)	sulfuric acid sulfuric acid dimethyl ester						7664-93-9 77-78-1	
$T / ^\circ\text{C} = 0.0$									
w_2	0.0000	0.2498	0.5015	0.7502	1.0000				
$\eta /(\text{mPa s})$	48.54	31.348	18.25	6.99	2.732				
$T / ^\circ\text{C} = 76.5$									
w_2	0.0000	0.2498	0.5015	0.7502	1.0000				
$\eta /(\text{mPa s})$	5.29	4.096	2.809	1.495	0.802				

113	H₂O₄S (1) C₃H₇NO (2)	sulfuric acid N-methyl-acetamide						7664-93-9 79-16-3	
$T / ^\circ\text{C} = 25.0$									
x_1	0.0000	0.1140	0.1630	0.2308	0.3501	0.4204	0.5259	0.6700	0.7170
$\eta /(\text{mPa s})$	4.2	27.0	52.0	188.8	1398.0	2314.0	1292.0	152.7	51.1
x_1	0.8140	0.9083	1.0000						
$\eta /(\text{mPa s})$	24.8	19.9	23.7						
$T / ^\circ\text{C} = 50.0$									
x_1	0.0000	0.1140	0.1630	0.2308	0.3501	0.4204	0.5259	0.6700	0.7170
$\eta /(\text{mPa s})$	2.1	10.3	24.6	43.3	207.8	342.8	266.5	54.7	21.0
x_1	0.8140	0.9083	1.0000						
$\eta /(\text{mPa s})$	12.2	9.9	10.9						
$T / ^\circ\text{C} = 75.0$									
x_1	0.0000	0.1140	0.1630	0.2308	0.3501	0.4204	0.5259	0.6700	0.7170
$\eta /(\text{mPa s})$	1.2	5.5	8.9	17.2	63.4	97.0	89.1	26.0	11.7
x_1	0.8140	0.9083	1.0000						
$\eta /(\text{mPa s})$	7.3	6.1	5.8						

114	H₂O₄S (1) C₄H₉NO (2)	sulfuric acid N,N-dimethyl-acetamide						7664-93-9 127-19-5	
$T / ^\circ\text{C} = 25.0$									
x_1	0.0000	0.1259	0.2354	0.3644	0.4426	0.5443	0.6392	0.7117	0.8247
$\eta /(\text{mPa s})$	0.93	3.2	20.7	587.3	3790.0	2859.0	233.1	64.1	23.5
x_1	0.9175	1.0000							
$\eta /(\text{mPa s})$	19.0	23.7							

$T/^\circ\text{C} = 50.0$										74B1
x_1	0.0000	0.1259	0.2354	0.3644	0.4426	0.5443	0.6392	0.7117	0.8247	
$\eta/(\text{mPa s})$	0.7	2.0	9.0	178.8	503.6	531.0	79.8	27.7	11.8	
x_1	0.9175	1.0000								
$\eta/(\text{mPa s})$	9.4	10.9								
$T/^\circ\text{C} = 75.0$										74B1
x_1	0.0000	0.1259	0.2354	0.3644	0.4426	0.5443	0.6392	0.7117	0.8247	
$\eta/(\text{mPa s})$	0.5	1.5	5.1	39.3	134.6	161.8	36.6	15.3	7.2	
x_1	0.9175	1.0000								
$\eta/(\text{mPa s})$	5.8	5.8								
115	H₂O₄S (1) C₄H₁₀O (2)		sulfuric acid ethoxy-ethane							7664-93-9 60-29-7
$T/^\circ\text{C} = 0.0$										33S1
x_2	0.0390	0.0758	0.1074	0.1647	0.2575	0.3419	0.3687	0.3867	0.3980	
$\eta/(\text{mPa s})$	45.34	38.17	27.87	28.05	30.53	34.95	37.50	35.81	35.75	
x_2	0.4179	0.4687	0.5655	0.7821	0.8570					
$\eta/(\text{mPa s})$	35.20	31.30	15.73	2.620	0.680					
$T/^\circ\text{C} = 10.0$										33S1
x_2	0.0000	0.0550	0.1074	0.1830	0.2575	0.3395	0.3687	0.4301	0.4687	
$\eta/(\text{mPa s})$	43.37	29.99	22.34	22.32	25.31	24.95	29.19	28.16	26.37	
x_2	0.5175	0.5655	0.7821	0.8570						
$\eta/(\text{mPa s})$	19.60	13.24	2.340	0.610						
$T/^\circ\text{C} = 20.0$										33S1
x_2	0.0000	0.0550	0.1074	0.1830	0.2575	0.3395	0.3687	0.4301	0.4687	
$\eta/(\text{mPa s})$	30.53	21.69	16.95	17.41	19.09	21.04	22.85	20.23	19.66	
x_2	0.5175	0.5655	0.7821	0.8570						
$\eta/(\text{mPa s})$	15.26	10.40	2.030	0.550						
$T/^\circ\text{C} = 30.0$										33S1
x_2	0.0000	0.0550	0.1074	0.1830	0.2575	0.3395	0.3687	0.4301	0.4687	
$\eta/(\text{mPa s})$	20.41	15.40	12.87	13.02	15.40	15.79	16.72	16.22	14.57	
x_2	0.5175	0.5655	0.7821	0.8570						
$\eta/(\text{mPa s})$	11.48	8.940	1.670	0.510						
$T/^\circ\text{C} = 30.0$										11P1
w_1	0.0000	0.0663	0.0983	0.1678	0.2178	0.2960	0.3912	0.4356	0.4617	
$\eta/(\text{mPa s})$	0.2134	0.2730	0.3096	0.436	0.579	0.982	2.194	3.480	4.752	
w_1	0.4933	0.5211	0.5831	0.6205	0.6487	0.6981	0.7202	0.7807	0.8484	
$\eta/(\text{mPa s})$	6.701	8.788	13.45	15.37	16.15	16.06	15.67	13.88	12.72	
w_1	0.8572	0.9154	0.9296	0.9600	0.9739	0.9800	0.9868	0.9935	1.0000	

η /(mPa s)	12.72	13.82	14.52	16.92	18.72	19.63	20.30	20.69	21.00
116	H₂O₄S (1) C₆H₅NO₂ (2)	sulfuric acid nitrobenzene						7664-93-9 98-95-3	
T /°C = 0.0									35U1
x_2	0.0000	0.0164	0.0586	0.0618	0.0986	0.1508	0.2435	0.3529	
η /(mPa s)	64.00	63.04	62.40	60.42	59.94	58.95	51.60	43.93	
x_2	0.3722	0.3968	0.4942	0.6507	0.7907	1.0000			
η /(mPa s)	45.73	39.21	28.61	17.20	7.22	3.11			
T /°C = 10.0									35U1
x_2	0.0164	0.0586	0.0618	0.0986	0.1508	0.2435	0.3529	0.3722	0.3968
η /(mPa s)	40.68	39.50	39.48	38.70	37.75	33.15	27.83	28.15	15.29
x_2	0.4942	0.6507	0.7907	1.0000					
η /(mPa s)	18.71	10.37	5.69	2.45					
T /°C = 18.0									35U1
x_2	0.0000	0.0164	0.0369	0.0586	0.0618	0.0986	0.1508	0.2435	0.3529
η /(mPa s)	30.00	30.85	31.09	28.67	28.93	27.00	24.49	24.26	20.40
x_2	0.3722	0.3968	0.4942	0.6507	0.7907				
η /(mPa s)	20.30	18.67	13.87	8.01	4.61				
T /°C = 30.0									35U1
x_2	0.0000	0.0164	0.0369	0.0586	0.0618	0.1508	0.2435	0.3529	
η /(mPa s)	20.10	19.92	19.68	18.56	18.96	18.31	16.17	13.56	
x_2	0.3722	0.3968	0.4942	0.6507	0.7907	1.0000			
η /(mPa s)	12.96	12.28	9.38	5.75	3.50	1.70			
117	H₂O₄S (1) C₆H₁₁NO (2)	sulfuric acid hexahydro-2H-azepin-2-one						7664-93-9 105-60-2	
T /°C = 60.0									67Z2
x_2	0.0000	0.1666	0.2857	0.3103	0.3333	0.3750	0.4444	0.4730	0.5000
η /(mPa s)	8.	11.	22.	31.	45.	99.	475.	1058.	1705.
x_2	0.5240	0.5833	0.6000	0.6154	0.6430	0.6560	0.6667	0.6780	0.6875
η /(mPa s)	2435.	2702.	3464.	2885.	2670.	2559.	2244.	2113.	1865.
x_2	0.7020	0.7500	0.8330	0.8750					
η /(mPa s)	1620.	964.	189.	69.					
T /°C = 70.0									67Z2
x_2	0.0000	0.1666	0.2857	0.3103	0.3333	0.3750	0.4444	0.4730	0.5000
η /(mPa s)	4.	6.	15.	23.	31.	62.	260.	560.	974.
x_2	0.5240	0.5833	0.6000	0.6154	0.6430	0.6560	0.6667	0.6780	0.6875
η /(mPa s)	1160.	1300.	1540.	1386.	1223.	1174.	1080.	960.	815.

x_2	0.7020	0.7500	0.8330	0.8750	0.9090	1.0000
$\eta /(\text{mPa s})$	650.	340.	75.	42.	25.	8.

 $T / ^\circ\text{C} = 80.0$

67Z2

x_2	0.0000	0.1666	0.2857	0.3103	0.3333	0.3750	0.4444	0.4730	0.5000
$\eta /(\text{mPa s})$	2.	3.	12.	16.	25.	42.	162.	290.	505.

x_2	0.5240	0.5833	0.6000	0.6154	0.6430	0.6560	0.6667	0.6780	0.6875
$\eta /(\text{mPa s})$	551.	569.	600.	577.	514.	478.	433.	416.	358.

x_2	0.7020	0.7500	0.8330	0.8750	0.9090	1.0000
$\eta /(\text{mPa s})$	322.	192.	40.	23.	14.	4.6

118 **H₂O₄S (1)** **sulfuric acid** **7664-93-9**
C₇H₆O (2) **benzaldehyde** **100-52-7**

 $T / ^\circ\text{C} = 25.0$

55T2

x_1	0.0000	0.1004	0.1993	0.2999	0.3976	0.4985	0.5960	0.7027	0.8019
$\eta /(\text{mPa s})$	1.400	2.507	4.944	11.22	27.20	58.44	71.55	53.86	34.22

x_1	0.8928	1.0000
$\eta /(\text{mPa s})$	24.76	24.19

 $T / ^\circ\text{C} = 40.0$

55T2

x_1	0.0000	0.1004	0.1993	0.2999	0.3976	0.4985	0.5960	0.7027	0.8019
$\eta /(\text{mPa s})$	1.110	1.966	3.429	6.830	10.34	28.02	35.18	30.40	21.11

x_1	0.8928
$\eta /(\text{mPa s})$	15.81

119 **H₂O₄S (1)** **sulfuric acid** **7664-93-9**
C₇H₈O (2) **methoxybenzene** **100-66-3**

 $T / ^\circ\text{C} = 20.0$

34Z1

x_1	0.0000	0.0892	0.2274	0.5064	0.6238	0.6321	0.6494	0.6790	0.7207
$\eta /(\text{mPa s})$	1.28	1.46	3.17	41.69	260.30	172.80	263.50	317.90	262.10

x_1	0.7460	0.9241	1.0000
$\eta /(\text{mPa s})$	201.30	34.68	28.70

 $T / ^\circ\text{C} = 30.0$

34Z1

x_1	0.0000	0.0892	0.2274	0.5064	0.6238	0.6321	0.6494	0.6790	0.7207
$\eta /(\text{mPa s})$	1.04	1.35	1.79	30.05	166.00	100.80	141.30	182.00	151.40

x_1	0.7460	0.9241	1.0000
$\eta /(\text{mPa s})$	131.31	22.53	22.50

 $T / ^\circ\text{C} = 40.0$

34Z1

x_1	0.0000	0.0892	0.2274	0.5064	0.6238	0.6321	0.6494	0.6790	0.7207
$\eta /(\text{mPa s})$	0.87	1.25	2.00	23.80	87.90	70.20	79.44	105.00	83.30

x_1	0.7460	0.9241	1.0000
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η /(mPa s)	71.90	16.60	16.00						
$T/^\circ\text{C} = 50.0$									34Z1
x_1	0.0000	0.0892	0.2274	0.5064	0.6238	0.6321	0.6494	0.6790	0.7207
η /(mPa s)	0.72	1.15	2.58	17.80	72.90	42.10	47.40	83.18	50.18
x_1	0.7460	0.9241	1.0000						
η /(mPa s)	44.80	11.90	12.50						
$T/^\circ\text{C} = 60.0$									34Z1
x_1	0.0000	0.0892	0.2274	0.5064	0.6238	0.6321	0.6494	0.6790	0.7207
η /(mPa s)	0.60	1.06	3.25	13.70	56.70	9.99	29.70	41.65	35.65
x_1	0.7460	0.9241	1.0000						
η /(mPa s)	30.14	8.70	9.30						
120	H₂O₄S (1) C₁₃H₁₀O (2)		sulfuric acid benzophenone						7664-93-9 119-61-9
$T/^\circ\text{C} = 25.0$									55T2
x_1	0.3120	0.4077	0.4550	0.5111	0.5491	0.5995	0.7061	0.8018	0.9015
η /(mPa s)	275.8	713.7	1014.	1224.	1244.	1077.	47.5	124.8	37.79
x_1	1.0000								
η /(mPa s)	24.19								
$T/^\circ\text{C} = 35.0$									55T2
x_1	0.0000	0.2007	0.3120	0.4077	0.4550	0.5111	0.5491	0.5995	0.7061
η /(mPa s)	4.77	13.43	31.13	58.75	78.85	99.63	111.0	116.0	86.01
x_1	0.8018	0.9015	1.0000						
η /(mPa s)	37.80	15.55	9.76						
121	H₂O₇S₂ (1) C₂HF₃O₂ (2)		disulfuric acid trifluoroacetic acid						7783-05-3 76-05-1
$T/^\circ\text{C} = 25.0$									63F5
x_2	0.0000	0.1619	0.2418	0.3588	0.4942	0.6093	0.7610	1.0000	
η /(mPa s)	52.2	40.0	33.6	24.9	16.8	10.6	4.80	0.813	
$T/^\circ\text{C} = 50.0$									63F5
x_2	0.0000	0.1619	0.2418	0.3588	0.4942	0.6093	0.7610	1.0000	
η /(mPa s)	18.9	14.7	12.7	10.4	7.67	5.14	2.70	0.576	
122	H₂O₇S₂ (1) C₂H₃ClO₂ (2)		disulfuric acid chloroacetic acid						7783-05-3 79-11-8
$T/^\circ\text{C} = 25.0$									63F2
x_1	0.2815	0.2954	0.4302	0.4626	0.4887	0.4929	0.4983		

η /(mPa s)	90.2	91.7	113.5	117.4	118.2	118.5	118.9		
x_1	0.5149	0.5254	0.5910	0.7064	0.7382	0.7892	0.7975	0.8751	1.0000
η /(mPa s)	117.5	112.5	112.5	90.0	84.2	82.2	81.3	68.2	52.2
T /°C = 50.0									63F2
x_1	0.0000	0.1070	0.2815	0.2954	0.4302	0.4626	0.4887	0.4929	0.4983
η /(mPa s)	3.15	7.77	23.6	24.4	31.8	32.2	32.7	32.8	33.4
x_1	0.5149	0.5254	0.5910	0.7064	0.7382	0.7892	0.7975	0.8751	1.0000
η /(mPa s)	33.2	32.1	32.1	28.8	28.0	28.4	27.9	24.0	18.9
T /°C = 75.0									63F2
x_1	0.0000	0.1070	0.2815	0.2954	0.4302	0.4626	0.4887	0.4929	0.4983
η /(mPa s)	1.92	3.89	9.80	10.1	13.7	14.2	14.4	15.5	15.7
x_1	0.5149	0.5254	1.0000						
η /(mPa s)	15.1	15.1	9.0						

123	H₂O₇S₂ (1) C₂H₄O₂ (2)	disulfuric acid acetic acid							7783-05-3 64-19-7
T /°C = 25.0									63F1
x_1	0.0000	0.0867	0.1297	0.1728	0.2219	0.3005	0.3306	0.3543	0.3862
η /(mPa s)	1.129	14.5	44.3	131.	264.	559.	586.	669.	711.
x_1	0.4028	0.4234	0.4532	0.5029	0.5516	0.6429	0.7423	1.0000	
η /(mPa s)	715.	653.	511.	340.	231.	110.	65.2	52.2	

124	H₃O₄P (1) C₂H₄O₂ (2)	orthophosphoric acid acetic acid							7664-83-2 64-19-7
T /°C = 25.0									55T2
x_1	0.0000	0.1022	0.2010	0.2996	0.4008	0.5036	0.6013	0.7012	0.7941
η /(mPa s)	1.129	4.415	16.93	52.59	119.6	219.8	236.9	244.8	226.9
x_1	0.8921	1.0000							
η /(mPa s)	195.6	164.7							
T /°C = 40.0									55T2
x_1	0.0000	0.1022	0.2010	0.2996	0.4008	0.5036	0.6013	0.7012	0.7941
η /(mPa s)	0.9181	3.003	9.393	25.24	52.25	80.81	100.8	107.8	105.2
x_1	0.8921	1.0000							
η /(mPa s)	95.6	84.88							

125	H₃O₄P (1) C₂H₅NO (2)	orthophosphoric acid acetamide							7664-83-2 60-35-5
T /°C = 40.0									55T2

x_2	0.0000	0.0972	0.2029	0.3004	0.3988	0.5016	0.6030	0.6979	1.0000
η /(mPa s)	84.88	167.4	377.5	673.6	834.8	761.6	542.1	311.9	12.7

126 **H₃O₄P (1)** **orthophosphoric acid** **7664-83-2**
C₃H₆O (2) **propan-2-one** **67-64-1**

$T/^\circ\text{C} = 25.0$ 55T2

x_1	0.0000	0.1001	0.1966	0.2969	0.4091	0.5005	0.5876	0.6924	0.8122
η /(mPa s)	0.307	0.678	2.289	9.125	41.13	121.9	206.2	262.3	258.1

x_1	0.8918	1.0000
η /(mPa s)	218.9	173.2

$T/^\circ\text{C} = 40.0$ 55T2

x_1	0.0000	0.1001	0.1966	0.2969	0.4091	0.5005	0.5876	0.6924	0.8122
η /(mPa s)	0.271	0.576	1.686	6.364	24.31	60.09	94.0	117.4	118.4

x_1	0.8918	1.0000
η /(mPa s)	104.9	88.34

127 **H₃O₄P (1)** **orthophosphoric acid** **7664-83-2**
C₅H₁₀O₂ (2) **3-methyl-butyric acid** **503-74-2**

$T/^\circ\text{C} = 25.0$ 55T2

x_1	0.0000	0.1117	0.2019	0.2980	0.3998	0.4967	0.6029	0.6977	0.7972
η /(mPa s)	2.140	5.386	12.59	31.63	71.47	132.3	206.6	255.3	265.9

x_1	0.8918	1.0000
η /(mPa s)	235.0	173.2

$T/^\circ\text{C} = 40.0$ 55T2

x_1	0.0000	0.1117	0.2019	0.2980	0.3998	0.4967	0.6029	0.6977	0.7972
η /(mPa s)	1.599	3.597	7.519	16.60	34.24	59.96	92.18	114.8	123.3

x_1	0.8918	1.0000
η /(mPa s)	94.88	88.34

128 **H₃O₄P (1)** **orthophosphoric acid** **7664-83-2**
C₅H₁₀O₂ (2) **pentanoic acid** **109-52-4**

$T/^\circ\text{C} = 25.0$ 55T2

x_1	0.0000	0.1019	0.1996	0.2957	0.4013	0.4932	0.5832	0.7012	0.7910
η /(mPa s)	2.009	4.150	9.380	20.13	48.93	88.76	138.53	200.56	221.2

x_1	0.8943	1.0000
η /(mPa s)	213.9	173.2

$T/^\circ\text{C} = 40.0$ 55T2

x_1	0.0000	0.1117	0.2019	0.2980	0.3998	0.4967	0.6029	0.6977	0.7972
η /(mPa s)	1.553	2.972	6.057	11.82	26.22	44.27	66.78	95.74	106.36

x_1	0.8943	1.0000
$\eta /(\text{mPa s})$	105.0	88.34

129	H₃O₄P (1) C₇H₆O (2)	orthophosphoric acid benzaldehyde	7664-83-2 100-52-7
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$T / ^\circ\text{C} = 25.0$									55T2
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x_1	0.0000	0.0946	0.1997	0.3062	0.3932	0.4994	0.6010	0.6951	0.7982
$\eta /(\text{mPa s})$	1.400	2.733	6.690	23.39	72.54	251.5	431.3	425.0	337.4

x_1	0.8995	1.0000
$\eta /(\text{mPa s})$	241.7	173.3

$T / ^\circ\text{C} = 40.0$									55T2
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x_1	0.0000	0.0946	0.1997	0.3062	0.3932	0.4994	0.6010	0.6951	0.7982
$\eta /(\text{mPa s})$	1.110	2.064	4.630	13.07	34.27	96.97	160.0	171.2	149.3

x_1	0.8995	1.0000
$\eta /(\text{mPa s})$	117.0	88.95

130	H₄N₂ (1) C₂H₄O₂ (2)	hydrazine acetic acid	302-01-2 64-19-7
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$T / ^\circ\text{C} = 70.0$									59B2
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x_2	0.10	0.20	0.30	0.40	0.50	0.618	0.70	0.80	0.90
$\eta /(\text{mPa s})$	1.018	1.900	2.523	6.267	11.414	8.009	5.372	2.937	1.389

x_2	1.00
$\eta /(\text{mPa s})$	0.535

$T / ^\circ\text{C} = 75.0$									59B2
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x_2	0.10	0.20	0.30	0.40	0.50	0.618	0.70	0.80	1.00
$\eta /(\text{mPa s})$	0.934	1.652	2.182	5.001	8.642	5.809	4.200	1.220	0.493

$T / ^\circ\text{C} = 80.0$									59B2
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x_2	0.10	0.20	0.30	0.40	0.50	0.618	0.70	0.80	0.90
$\eta /(\text{mPa s})$	0.848	1.437	1.801	3.876	6.652	4.431	3.081	1.998	1.052

x_2	1.00
$\eta /(\text{mPa s})$	0.460

$T / ^\circ\text{C} = 25.0$									44S1
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x_2	0.0000	0.0605	0.1009	0.1956	0.3030	0.4110	0.4845	0.5000	0.5785
$\eta /(\text{mPa s})$	0.9031	1.538	2.400	7.426	25.91	52.49	95.82	105.48	72.37

x_2	0.6873	0.7500	0.8042	0.8412	0.8690	0.9302	1.0000		
$\eta /(\text{mPa s})$	42.06	31.22	25.16	19.03	13.48	6.341	1.164		

$T / ^\circ\text{C} = 50.0$									44S1
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x_2	0.0000	0.0605	0.1009	0.1956	0.3030	0.4110	0.4845	0.5000	0.5785
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η /(mPa s)	0.6731	0.9736	1.403	3.409	9.612	15.14	24.03	26.36	19.46
x_2	0.6873	0.7500	0.8042	0.8412	0.8690	0.9302	1.0000		
η /(mPa s)	12.27	9.441	7.824	6.577	5.221	2.981	0.778		
131	H₄N₂ (1) C₆H₆O (2)		hydrazine phenol						302-01-2 108-95-2
$T/^\circ\text{C} = 65.0$									59B4
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
η /(mPa s)	0.711	0.909	1.454	1.909	2.636	2.973	3.049	2.629	2.149
$T/^\circ\text{C} = 75.0$									59B4
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
η /(mPa s)	0.588	0.752	1.126	1.441	1.832	2.036	2.078	1.823	1.540
$T/^\circ\text{C} = 85.0$									59B4
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
η /(mPa s)	0.493	0.633	0.889	1.093	1.369	1.467	1.472	1.310	1.177
132	N₂ (1) CH₄ (2)		nitrogen methane						7727-37-9 74-82-8
$x_1 = 0.000$									40G1
T/K	94.4	98.3	102.4	108.8	111.2				
η /(mPa s)	0.187	0.162	0.144	0.125	0.119				
$x_1 = 0.196$									40G1
T/K	84.1	85.0	87.8	89.8					
η /(mPa s)	0.214	0.206	0.186	0.172					
$x_1 = 0.412$									40G1
T/K	78.5	81.4	84.7	86.1					
η /(mPa s)	0.217	0.195	0.178	0.171					
$x_1 = 0.608$									40G1
T/K	68.2	70.1	71.7	75.1	78.0	81.6	84.4		
η /(mPa s)	0.275	0.253	0.237	0.210	0.188	0.167	0.152		
$x_1 = 0.812$									40G1
T/K	64.8	65.3	65.7	67.6	68.2	70.0	70.2	71.7	74.3
η /(mPa s)	0.286	0.280	0.269	0.245	0.240	0.223	0.221	0.211	0.190
T/K	76.7	79.1	80.3						
η /(mPa s)	0.174	0.164	0.154						
$x_1 = 1.000$									40G1
T/K	66.2	69.0	71.1	73.3	75.4	76.7	77.3		
η /(mPa s)	0.247	0.217	0.201	0.184	0.171	0.164	0.159		

133	N₂O₄ (1) C₄H₈O₂ (2)		dinitrogen tetroxide 1,4-dioxane						10544-72-6 123-91-1
									53L1
	$T/^\circ\text{C} = 48.02$								
x_1	0.0000	0.0247	0.0886	0.1073	0.1326	0.1879	0.2163	0.2473	0.2961
$\eta/(\text{mPa s})$	0.7964	0.8002	0.8165	0.8235	0.8088	0.8305	0.8098	0.8149	0.8127
x_1	0.3853	0.3855	0.4983						
$\eta/(\text{mPa s})$	0.8162	0.7993	0.7782						
134	O₂S (1) CCl₄ (2)		sulfur dioxide tetrachloromethane						7446-09-5 56-23-5
									25L1
	$T/^\circ\text{C} = 25.0$								
w_1	0.0000	0.00328	0.00685	0.0078	0.0113	0.0789	0.1499	0.2672	0.3107
$\eta/(\text{mPa s})$	0.8876	0.8572	0.8410	0.8352	0.8200	0.6695	0.5587	0.4484	0.4168
w_1	0.5140	0.6421	0.7358	1.0000					
$\eta/(\text{mPa s})$	0.3278	0.2987	0.2837	0.2559					
135	O₂S (1) CH₄O (2)		sulfur dioxide methanol						7446-09-5 67-56-1
									25L1
	$T/^\circ\text{C} = 25.0$								
w_1	0.0000	0.0802	0.2553	0.3124	0.4873	0.5911	0.7071	0.7490	0.7973
$\eta/(\text{mPa s})$	0.5457	0.5422	0.5295	0.5215	0.4641	0.4178	0.3558	0.3433	0.3223
w_1	0.8184	1.0000							
$\eta/(\text{mPa s})$	0.3118	0.2559							
136	O₂S (1) C₃H₆O (2)		sulfur dioxide propan-2-one						7446-09-5 67-64-1
									25L1
	$T/^\circ\text{C} = 25.0$								
w_1	0.0000	0.0534	0.1802	0.2222	0.2652	0.3062	0.4244	0.5217	0.5510
$\eta/(\text{mPa s})$	0.305	0.312	0.331	0.337	0.342	0.343	0.347	0.341	0.340
w_1	0.7920	0.8768	1.0000						
$\eta/(\text{mPa s})$	0.302	0.284	0.256						
137	O₂S (1) C₃H₇Br (2)		sulfur dioxide 1-bromo-propane						7446-09-5 106-94-5
									39C1
	$T/^\circ\text{C} = 25.0$								
w_1	0.0000	0.0946	0.2800	0.4713	0.7397	0.8575	1.0000		
$\eta/(\text{mPa s})$	0.4797	0.4311	0.3527	0.3076	0.2679	0.2569	0.2472		

138	O₂S (1) C₃H₇Br (2)		sulfur dioxide 2-bromo-propane							7446-09-5 75-26-3
<i>T</i> / °C = 25.0										
<i>w</i> ₁	0.0000	0.1379	0.2172	0.3613	0.5018	0.6524	0.8268	1.0000		
<i>η</i> /(mPa s)	0.4438	0.3789	0.3499	0.3133	0.2870	0.2664	0.2555	0.2472		
139	O₂S (1) C₄H₉Br (2)		sulfur dioxide 1-bromo-butane							7446-09-5 109-65-9
<i>T</i> / °C = 25.0										
<i>w</i> ₁	0.0000	0.1244	0.3324	0.5314	0.7606	0.8953	1.0000			
<i>η</i> /(mPa s)	0.5914	0.4942	0.3877	0.3237	0.2786	0.2592	0.2472			
140	O₂S (1) C₄H₁₀O (2)		sulfur dioxide ethoxy-ethane							7446-09-5 60-29-7
<i>T</i> / °C = 25.0										
<i>w</i> ₁	0.0000	0.0500	0.0833	0.1170	0.1420	0.3553	0.3629	0.4300	0.4944	
<i>η</i> /(mPa s)	0.222	0.230	0.235	0.240	0.244	0.275	0.276	0.280	0.288	
<i>w</i> ₁	0.6954	1.0000								
<i>η</i> /(mPa s)	0.288	0.256								
141	O₂S (1) C₆H₆ (2)		sulfur dioxide benzene							7446-09-5 71-43-2
<i>T</i> / °C = 25.0										
<i>w</i> ₁	0.0000	0.0272	0.0452	0.0738	0.1924	0.4742	0.4956	0.7361	1.0000	
<i>η</i> /(mPa s)	0.596	0.574	0.563	0.540	0.491	0.380	0.377	0.303	0.256	
142	O₂S (1) C₇H₈ (2)		sulfur dioxide toluene							7446-09-5 108-88-3
<i>T</i> / °C = 25.0										
<i>w</i> ₁	0.0000	0.0129	0.0321	0.0748	0.1400	0.2528	0.2724	0.2804	0.4708	
<i>η</i> /(mPa s)	0.551	0.545	0.534	0.512	0.488	0.4637	0.4598	0.4558	0.3905	
<i>w</i> ₁	0.4800	0.7205	0.7875	1.0000						
<i>η</i> /(mPa s)	0.3896	0.3107	0.3060	0.2559						

138	O₂S (1) C₃H₇Br (2)		sulfur dioxide 2-bromo-propane						7446-09-5 75-26-3
<i>T</i> /°C = 25.0									39C1
<i>w</i> ₁	0.0000	0.1379	0.2172	0.3613	0.5018	0.6524	0.8268	1.0000	
<i>η</i> /(mPa s)	0.4438	0.3789	0.3499	0.3133	0.2870	0.2664	0.2555	0.2472	
139	O₂S (1) C₄H₉Br (2)		sulfur dioxide 1-bromo-butane						7446-09-5 109-65-9
<i>T</i> /°C = 25.0									39C1
<i>w</i> ₁	0.0000	0.1244	0.3324	0.5314	0.7606	0.8953	1.0000		
<i>η</i> /(mPa s)	0.5914	0.4942	0.3877	0.3237	0.2786	0.2592	0.2472		
140	O₂S (1) C₄H₁₀O (2)		sulfur dioxide ethoxy-ethane						7446-09-5 60-29-7
<i>T</i> /°C = 25.0									25L1
<i>w</i> ₁	0.0000	0.0500	0.0833	0.1170	0.1420	0.3553	0.3629	0.4300	0.4944
<i>η</i> /(mPa s)	0.222	0.230	0.235	0.240	0.244	0.275	0.276	0.280	0.288
<i>w</i> ₁	0.6954	1.0000							
<i>η</i> /(mPa s)	0.288	0.256							
141	O₂S (1) C₆H₆ (2)		sulfur dioxide benzene						7446-09-5 71-43-2
<i>T</i> /°C = 25.0									25L1
<i>w</i> ₁	0.0000	0.0272	0.0452	0.0738	0.1924	0.4742	0.4956	0.7361	1.0000
<i>η</i> /(mPa s)	0.596	0.574	0.563	0.540	0.491	0.380	0.377	0.303	0.256
142	O₂S (1) C₇H₈ (2)		sulfur dioxide toluene						7446-09-5 108-88-3
<i>T</i> /°C = 25.0									25L1
<i>w</i> ₁	0.0000	0.0129	0.0321	0.0748	0.1400	0.2528	0.2724	0.2804	0.4708
<i>η</i> /(mPa s)	0.551	0.545	0.534	0.512	0.488	0.4637	0.4598	0.4558	0.3905
<i>w</i> ₁	0.4800	0.7205	0.7875	1.0000					
<i>η</i> /(mPa s)	0.3896	0.3107	0.3060	0.2559					

3.1.2 Mixtures of water and organic compounds

Landolt-Börnstein
New Series IV/18A

143	H₂O (1) CH₂O (2)		water formaldehyde				7732-18-5 50-00-0			
$T/^\circ\text{C} = 20.0$										79S1
w_2	0.05	0.10	0.20	0.30						
$\eta/(\text{mPa s})$	1.13	1.26	1.54	1.95						
$T/^\circ\text{C} = 30.0$										79S1
w_2	0.05	0.10	0.20	0.30						
$\eta/(\text{mPa s})$	0.91	1.01	1.25	1.54						
$T/^\circ\text{C} = 40.0$										79S1
w_2	0.05	0.10	0.20	0.30						
$\eta/(\text{mPa s})$	0.74	0.82	1.01	1.24						
$T/^\circ\text{C} = 50.0$										79S1
w_2	0.05	0.10	0.20	0.30	0.40	0.50				
$\eta/(\text{mPa s})$	0.61	0.68	0.83	1.01	1.61	2.11				
$T/^\circ\text{C} = 60.0$										79S1
w_2	0.05	0.10	0.20	0.30	0.40	0.50	0.60			
$\eta/(\text{mPa s})$	0.51	0.57	0.72	0.92	1.16	1.68	2.43			
$T/^\circ\text{C} = 70.0$										79S1
w_2	0.05	0.10	0.20	0.30	0.40	0.50	0.60	0.70		
$\eta/(\text{mPa s})$	0.43	0.48	0.57	0.70	0.90	1.36	2.04	3.06		
$T/^\circ\text{C} = 80.0$										79S1
w_2	0.05	0.10	0.20	0.30	0.40	0.50	0.60	0.70		
$\eta/(\text{mPa s})$	0.37	0.40	0.49	0.56	0.68	1.07	1.68	2.65		
$T/^\circ\text{C} = 90.0$										79S1
w_2	0.05	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.32	0.35	0.42	0.50	0.59	0.93	1.45	2.26	3.53	
$T/^\circ\text{C} = 100.0$										79S1
w_2	0.50	0.60	0.70	0.80						
$\eta/(\text{mPa s})$	0.58	1.03	1.83	3.26						

144	H₂O (1) CH₂O₂ (2)		water formic acid				7732-18-5 64-18-6			
$T/^\circ\text{C} = 30.0$										82R2
x_2	0.0000	0.0501	0.1061	0.1690	0.2404	0.3219	0.4159	0.5255	0.6550	
$\eta/(\text{mPa s})$	0.801	0.849	0.897	0.950	0.994	1.062	1.156	1.159	1.234	
x_2	0.8103	1.0000								
$\eta/(\text{mPa s})$	1.288	1.434								

$T/^\circ\text{C} = 35.0$										82R1
φ_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.718	0.768	0.807	0.850	0.896	0.955	0.994	1.050	1.116	
φ_2	0.90	1.00								
$\eta/(\text{mPa s})$	1.174	1.234								
$T/^\circ\text{C} = 20.0$										46G1
w_2	0.0000	0.2779	0.3230	0.4757	0.4869	0.5140	0.5630	0.5850	0.6030	
$\eta/(\text{mPa s})$	1.006	1.195	1.215	1.323	1.328	1.347	1.394	1.400	1.414	
w_2	0.6338	0.6384	0.6660	0.7049	0.7231	0.7897	0.9764			
$\eta/(\text{mPa s})$	1.478	1.480	1.577	1.519	1.525	1.601	1.680			
$T/^\circ\text{C} = 25.0$										46G1
w_2	0.0000	0.2288	0.3100	0.3519	0.4179	0.5261	0.5540	0.5610	0.5633	
$\eta/(\text{mPa s})$	0.891	0.979	1.029	1.039	1.076	1.174	1.219	1.227	1.228	
w_2	0.6030	0.6496	0.6990	0.7110	0.7334	0.7968	0.9764			
$\eta/(\text{mPa s})$	1.268	1.305	1.356	1.360	1.362	1.427	1.598			
$T/^\circ\text{C} = 15.0$										15D1
φ_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	1.134	1.368	1.626	1.897	2.143	2.416	2.682	2.935	3.068	
φ_2	0.85	0.90	0.95	1.00						
$\eta/(\text{mPa s})$	3.033	2.786	2.243	1.963						
$T/^\circ\text{C} = 25.0$										15D1
φ_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.891	1.059	1.244	1.446	1.624	1.818	2.015	2.219	2.318	
φ_2	0.85	0.90	0.95	1.00						
$\eta/(\text{mPa s})$	2.292	2.115	1.775	1.571						
$T/^\circ\text{C} = 15.0$										08T1
w_2	0.20	0.40	0.60	0.80	0.90	1.00				
$\eta/(\text{mPa s})$	1.275	1.390	1.560	1.795	1.920	1.985				
$T/^\circ\text{C} = 20.0$										08T1
w_2	0.20	0.40	0.60	0.80	0.90	1.00				
$\eta/(\text{mPa s})$	1.110	1.250	1.410	1.610	1.710	1.790				
$T/^\circ\text{C} = 25.0$										08T1
w_2	0.20	0.40	0.60	0.80	0.90	1.00				
$\eta/(\text{mPa s})$	1.010	1.130	1.280	1.465	1.555	1.605				
$T/^\circ\text{C} = 35.0$										08T1
w_2	0.20	0.40	0.60	0.80	0.90	1.00				
$\eta/(\text{mPa s})$	0.825	0.935	1.070	1.220	1.295	1.335				
$T/^\circ\text{C} = 45.0$										08T1

w_2	0.20	0.40	0.60	0.80	0.90	1.00			
$\eta /(\text{mPa s})$	0.690	0.785	0.905	1.030	1.085	1.125			
$T / ^\circ\text{C} = 55.0$									08T1
w_2	0.20	0.40	0.60	0.80	0.90	1.00			
$\eta /(\text{mPa s})$	0.585	0.676	0.775	0.880	0.930	0.960			
$T / ^\circ\text{C} = 65.0$									08T1
w_2	0.20	0.40	0.60	0.80					
$\eta /(\text{mPa s})$	0.510	0.570	0.675	0.770					
$T / ^\circ\text{C} = 75.0$									08T1
w_2	0.20	0.40	0.60	0.80					
$\eta /(\text{mPa s})$	0.445	0.515	0.595	0.680					
$T / ^\circ\text{C} = 85.0$									08T1
w_2	0.20	0.40	0.60	0.80					
$\eta /(\text{mPa s})$	0.390	0.455	0.525	0.605					

145	H₂O (1)	CH₃NO (2)	water	formamide						7732-18-5
										75-12-7
$T / \text{K} = 298.15$										97G1
x_2	0.00000	0.07501	0.12324	0.18329	0.23959	0.29413	0.34487	0.39012	0.4426	
$\eta /(\text{mPa s})$	0.890	0.973	1.03	1.10	1.19	1.27	1.36	1.44	1.50	
x_2	0.48827	0.52316	0.57704	0.64721	0.75386	0.78154	0.89636	1.0000		
$\eta /(\text{mPa s})$	1.62	1.70	1.83	2.00	2.30	2.39	2.81	3.34		
$T / ^\circ\text{C} = 25.0$										90M1
w_2	0.000	0.099	0.181	0.249	0.307	0.401	0.469	0.526	0.581	
$\eta /(\text{mPa s})$	0.89	0.96	1.03	1.11	1.18	1.21	1.36	1.44	1.53	
w_2	0.649	0.737	0.789	0.848	0.919	1.000				
$\eta /(\text{mPa s})$	1.60	1.71	2.06	2.21	2.52	3.30				
$T / ^\circ\text{C} = 25.0$										86D2
x_1	0.00	0.20	0.40	0.60	0.65	0.70	0.75	0.80	0.90	
$\eta /(\text{mPa s})$	3.2904	2.4481	1.8748	1.4542	1.3605	1.2808	1.1991	1.1310	0.9992	
$T / ^\circ\text{C} = 25.0$										14M1
x_2	0.0000	0.1001	0.1998	0.3003	0.3989	0.4997	0.5997	0.6920	0.8004	
$\eta /(\text{mPa s})$	0.891	1.044	1.161	1.315	1.463	1.698	1.927	2.142	2.508	
x_2	0.9013	1.0000								
$\eta /(\text{mPa s})$	2.906	3.359								
$T / ^\circ\text{C} = 40.0$										14M1
x_2	0.0000	0.1001	0.1998	0.3003	0.3989	0.4997	0.5997	0.6920	0.8004	
$\eta /(\text{mPa s})$	0.6535	0.734	0.835	0.949	1.091	1.230	1.402	1.545	1.813	

x_2	0.9013	1.0000
η /(mPa s)	2.102	2.379

146	H₂O (1)	CH₄N₂O (2)	water	urea				7732-18-5	57-13-6
$T/^\circ\text{C} = 20.0$									65J1
w_2	0.20	0.30	0.40						
η /(mPa s)	1.156	1.316	1.539						
$T/^\circ\text{C} = 30.0$									65J1
w_2	0.20	0.30	0.40	0.50					
η /(mPa s)	0.963	1.079	1.216	1.491					
$T/^\circ\text{C} = 40.0$									65J1
w_2	0.20	0.30	0.40	0.50	0.60				
η /(mPa s)	0.789	0.893	1.042	1.272	1.661				
$T/^\circ\text{C} = 50.0$									65J1
w_2	0.20	0.30	0.40	0.50	0.60				
η /(mPa s)	0.661	0.755	0.868	1.081	1.401				
$T/^\circ\text{C} = 60.0$									65J1
w_2	0.20	0.30	0.40	0.50	0.60				
η /(mPa s)	0.572	0.650	0.752	0.925	1.194				
$T/^\circ\text{C} = 70.0$									65J1
w_2	0.20	0.30	0.40	0.50	0.60	0.70			
η /(mPa s)	0.503	0.575	0.665	0.819	1.030	1.334			
$T/^\circ\text{C} = 80.0$									65J1
w_2	0.20	0.30	0.40	0.50	0.60	0.70			
η /(mPa s)	0.430	0.495	0.585	0.710	0.894	1.175			
$T/^\circ\text{C} = 90.0$									65J1
w_2	0.20	0.30	0.40	0.50	0.60	0.70	80.0		
η /(mPa s)	0.385	0.440	0.523	0.618	0.789	1.030	1.462		
$T/^\circ\text{C} = 20.0$									65J1
w_2	0.20	0.30	0.40						
ν /(mm ² /s)	1.097	1.216	1.387						
$T/^\circ\text{C} = 30.0$									65J1
w_2	0.20	0.30	0.40	0.50					
ν /(mm ² /s)	0.918	1.001	1.100	1.317					
$T/^\circ\text{C} = 40.0$									65J1
w_2	0.20	0.30	0.40	0.50	0.60				
ν /(mm ² /s)	0.756	0.834	0.947	1.128	1.437				

$T/^\circ\text{C} = 50.0$								65J1	
w_2	0.20	0.30	0.40	0.50	0.60				
$v/(\text{mm}^2/\text{s})$	0.636	0.708	0.793	0.962	1.213				
$T/^\circ\text{C} = 60.0$								65J1	
w_2	0.20	0.30	0.40	0.50	0.60				
$v/(\text{mm}^2/\text{s})$	0.553	0.612	0.689	0.828	1.042				
$T/^\circ\text{C} = 70.0$								65J1	
w_2	0.20	0.30	0.40	0.50	0.60	0.70			
$v/(\text{mm}^2/\text{s})$	0.488	0.544	0.612	0.735	0.902	1.141			
$T/^\circ\text{C} = 80.0$								65J1	
w_2	0.20	0.30	0.40	0.50	0.60	0.70			
$v/(\text{mm}^2/\text{s})$	0.422	0.470	0.541	0.640	0.786	1.009			
$T/^\circ\text{C} = 90.0$								65J1	
w_2	0.20	0.30	0.40	0.50	0.60	0.70	80.0		
$v/(\text{mm}^2/\text{s})$	0.377	0.420	0.486	0.560	0.697	0.888	1.231		
147	H₂O (1)		water					7732-18-5	
	CH₄O (2)		methanol					67-56-1	
$T/^\circ\text{C} = 25.0$								92G1	
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.890	1.560	1.480	1.018	0.820	0.545			
$T/^\circ\text{C} = 25.0$								90A4	
x_1	0.0000	0.1615	0.2332	0.3078	0.4328	0.5425	0.6401	0.7272	0.8058
$\eta/(\text{mPa s})$	0.5526	0.7420	0.8124	0.9770	1.1983	1.3842	1.5953	1.7802	1.6463
x_1	0.8768	0.9412	1.0000						
$\eta/(\text{mPa s})$	1.4361	1.2257	0.8953						
$T/^\circ\text{C} = 25.0$								90M1	
w_2	0.000	0.073	0.136	0.191	0.240	0.321	0.386	0.440	0.495
$\eta/(\text{mPa s})$	0.89	1.07	1.23	1.40	1.48	1.56	1.58	1.57	1.52
w_2	0.567	0.663	0.724	0.797	0.887	1.000			
$\eta/(\text{mPa s})$	1.45	1.30	1.16	1.03	0.81	0.54			
$T/\text{K} = 283.15$								87T1	
x_2	0.00	0.25	0.30	0.35	0.50	0.75	1.00		
$\eta/(\text{mPa s})$	1.310	2.549	2.498	2.417	1.970	1.271	0.695		
$T/\text{K} = 298.15$								87T1	
x_2	0.00	0.25	0.30	0.35	0.50	0.75	1.00		
$\eta/(\text{mPa s})$	0.891	1.580	1.535	1.325	0.903	0.546	0.695		
$T/\text{K} = 323.15$								87T1	

x_2	0.00	0.25	0.30	0.35	0.50	0.75	1.00		
$\eta /(\text{mPa s})$	0.547	0.837	0.842	0.833	0.755	0.576	0.395		

A table is given in the original source 87T1 for pressures up to 69 MPa.

87T1

$T/\text{K} = 298.15$

82N1

x_2	0.0000	0.0507	0.1125	0.1411	0.2276	0.2927	0.4198	0.4856	0.5542
$\eta /(\text{mPa s})$	0.893	1.126	1.385	1.480	1.657	1.683	1.593	1.505	1.396

x_2	0.7133	0.8040	0.8345	0.9140	1.0000				
$\eta /(\text{mPa s})$	1.149	0.992	0.952	0.825	0.689				

$T/^\circ\text{C} = 20.0$

75W1

w_2	0.00	0.30	0.40	0.50	1.00				
$\eta /(\text{mPa s})$	1.002	1.801	1.845	1.764	0.5840				

$T/^\circ\text{C} = 50.0$

75W1

w_2	0.00	0.30	0.40	0.50	1.00				
$\eta /(\text{mPa s})$	0.547	0.832	0.860	0.848	0.3905				

$T/^\circ\text{C} = 80.0$

75W1

w_2	0.00	0.30	0.40	0.50	1.00				
$\eta /(\text{mPa s})$	0.355	0.482	0.494	0.490	0.276				

$T/^\circ\text{C} = 100.0$

75W1

w_2	0.00	0.30	0.40	0.50	1.00				
$\eta /(\text{mPa s})$	0.282	0.363	0.369	0.364	0.221				

A table is given in the original source 75W1 for pressures up to 50 MPa.

75W1

$w_2 = 0.5004$

71Y1

$T/^\circ\text{C}$	-50.0	-40.0	-30.0	-20.0	-10.0	0.0	10.0		
$\eta /(\text{mPa s})$	42.74	22.10	12.46	7.587	4.912	3.349	2.388		

$w_2 = 0.6007$

71Y1

$T/^\circ\text{C}$	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0	0.0	10.0
$\eta /(\text{mPa s})$	121.8	54.43	27.55	15.34	9.261	5.961	4.043	2.865	2.103

$w_2 = 0.7000$

71Y1

$T/^\circ\text{C}$	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0
$\eta /(\text{mPa s})$	376.4	135.3	58.96	29.56	16.46	9.991	6.478	4.420	3.144

$T/^\circ\text{C}$	0.0	10.0							
$\eta /(\text{mPa s})$	2.320	1.760							

$w_2 = 0.7998$

71Y1

$T/^\circ\text{C}$	-100.0	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0
$\eta /(\text{mPa s})$	333.3	115.3	50.24	25.68	14.65	9.124	6.061	4.231	3.074

$T/^\circ\text{C}$	-10.0	0.0	10.0						
$\eta /(\text{mPa s})$	2.302	1.772	1.394						

$w_2 = 0.9001$									71Y1
$T/^\circ\text{C}$	-110.0	-100.0	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0
$\eta/(\text{mPa s})$	189.7	68.36	31.32	16.90	10.22	6.705	4.665	3.384	2.546
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0					
$\eta/(\text{mPa s})$	1.971	1.556	1.250	1.023					
$w_2 = 0.9995$									71Y1
$T/^\circ\text{C}$	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0
$\eta/(\text{mPa s})$	8.624	5.596	3.899	2.868	2.184	1.715	1.380	1.134	0.9425
$T/^\circ\text{C}$	0.0	10.0							
$\eta/(\text{mPa s})$	0.7966	0.6795							
$T/^\circ\text{C} = 20.0$									70K1
x_2	0.000	0.125	0.273	0.458	0.691	1.000			
$\eta/(\text{mPa s})$	1.002	1.620	1.850	1.609	1.131	0.579			
$T/^\circ\text{C} = 40.0$									70K1
x_2	0.000	0.125	0.273	0.458	0.691	1.000			
$\eta/(\text{mPa s})$	0.656	0.951	1.088	0.986	0.760	0.446			
$T/^\circ\text{C} = 60.0$									70K1
x_2	0.000	0.125	0.273	0.458	0.691	1.000			
$\eta/(\text{mPa s})$	0.469	0.630	0.690	0.659	0.534	0.346			
$T/^\circ\text{C} = 15.0$									69M2
x_2	0.000	0.055	0.129	0.176	0.232	0.256	0.487	0.541	0.625
$\eta/(\text{mPa s})$	1.140	1.452	1.926	2.066	2.128	2.121	1.762	1.603	1.383
x_2	0.642	0.903	1.000						
$\eta/(\text{mPa s})$	1.321	0.814	0.629						
$T/^\circ\text{C} = 20.0$									69M2
x_2	0.000	0.055	0.129	0.176	0.232	0.256	0.487	0.541	0.625
$\eta/(\text{mPa s})$	1.005	1.262	1.651	1.748	1.836	1.822	1.555	1.418	1.230
x_2	0.642	0.903	1.000						
$\eta/(\text{mPa s})$	1.186	0.745	0.581						
$T/^\circ\text{C} = 30.0$									69M2
x_2	0.000	0.055	0.129	0.176	0.232	0.256	0.487	0.541	0.625
$\eta/(\text{mPa s})$	0.801	0.978	1.245	1.313		1.370	1.218	1.126	0.996
x_2	0.642	0.903	1.000						
$\eta/(\text{mPa s})$	0.974	0.630	0.509						
$T/^\circ\text{C} = 40.0$									69M2
x_2	0.000	0.055	0.129	0.176	0.232	0.256	0.487	0.541	0.625
$\eta/(\text{mPa s})$	0.656	0.780	0.974	1.021	1.078	1.067	0.973	0.911	0.815
x_2	0.642	0.903	1.000						
$\eta/(\text{mPa s})$	0.807	0.545	0.453						

$T/^\circ\text{C} = 50.0$									69M2
x_2	0.000	0.055	0.129	0.176	0.232	0.256	0.487	0.541	0.625
$\eta/(\text{mPa s})$	0.549	0.640	0.785	0.818	0.857	0.849	0.796	0.746	0.678
x_2	0.642	0.903	1.000						
$\eta/(\text{mPa s})$	0.676	0.475	0.404						
$T/^\circ\text{C} = 25.0$									61M1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.895	1.155	1.392	1.540	1.595	1.534	1.401	1.218	1.005
w_2	0.90	0.95	1.00						
$\eta/(\text{mPa s})$	0.782	0.659	0.541						
$T/^\circ\text{C} = 30.0$									61M1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.800	1.015	1.206	1.336	1.381	1.337	1.239	1.085	0.907
w_2	0.90	0.95	1.00						
$\eta/(\text{mPa s})$	0.714	0.612	0.507						
$T/^\circ\text{C} = 35.0$									61M1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.721	0.894	1.062	1.172	1.213	1.180	1.098	0.974	0.829
w_2	0.90	0.95	1.00						
$\eta/(\text{mPa s})$	0.667	0.566	0.474						
$T/^\circ\text{C} = 40.0$									61M1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.654	0.800	0.941	1.034	1.074	1.046	0.981	0.876	0.752
w_2	0.90	0.95	1.00						
$\eta/(\text{mPa s})$	0.612	0.532	0.450						
$T/^\circ\text{C} = 50.0$									61M1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.549	0.656	0.759	0.823	0.854	0.841	0.795	0.722	0.630
w_2	0.90	0.95	1.00						
$\eta/(\text{mPa s})$	0.522	0.458	0.396						
$T/^\circ\text{C} = 30.0$									58U1
x_2	0.0000	0.0240	0.0927	0.1662	0.1985	0.2491	0.2841	0.3084	0.3673
$\eta/(\text{mPa s})$	0.7991	0.8816	1.1048	1.2813	1.3239	1.3582	1.3578	1.3538	1.3206
x_2	0.4752	0.5235	0.6735	0.8172	0.9200	1.0000			
$\eta/(\text{mPa s})$	1.1994	1.1411	0.9252	0.7361	0.6056	0.5140			
$T/^\circ\text{C} = 40.0$									58U1
x_2	0.0000	0.0240	0.0927	0.1662	0.1985	0.2491	0.2841	0.3084	0.3673
$\eta/(\text{mPa s})$	0.6557	0.7156	0.8699	0.9879	1.0195	1.0502	1.0524	1.0489	1.0345
x_2	0.4752	0.5235	0.6735	0.8172	0.9200	1.0000			

η /(mPa s)	0.9589	0.9117	0.7635	0.6182	0.5221	0.4539			
$T/^\circ\text{C} = 49.75$									58U1
x_2	0.0000	0.0240	0.0927	0.1662	0.1985	0.2491	0.2841	0.3084	0.3673
η /(mPa s)	0.5516	0.5963	0.7026	0.7891	0.8121	0.8349	0.8383	0.8384	0.8291
x_2	0.4752	0.5235	0.6735	0.8172	0.9200	1.0000			
η /(mPa s)	0.7745	0.7463	0.6347	0.5267	0.4535	0.3997			
$T/^\circ\text{C} = 60.0$									58U1
x_2	0.0000	0.0240	0.0927	0.1662	0.1985	0.2491	0.2841	0.3084	0.3673
η /(mPa s)	0.4728	0.5052	0.5780	0.6467	0.6625	0.6795	0.6817	0.6793	0.6708
x_2	0.4752	0.5235	0.6735	0.8172	0.9200	1.0000			
η /(mPa s)	0.6322	0.6167	0.5334	0.4602	0.3966	0.3584			
$T/^\circ\text{C} = 70.0$									58U1
x_2	0.0000	0.0240	0.0927	0.1662	0.1985	0.2491	0.2841	0.3084	0.3673
η /(mPa s)	0.4069	0.4300	0.4880	0.5239	0.5345	0.5462	0.5528	0.5531	0.5484
x_2	0.4752	0.5235							
η /(mPa s)	0.5196	0.5153							
$T/^\circ\text{C} = 25.0$									55F1, 56F1
w_2	0.000	0.202	0.402	0.607	0.807	1.000			
η /(mPa s)	0.8494	1.382	1.590	1.350	1.03	0.545			
$T/^\circ\text{C} = 35.0$									55F1, 56F1
w_2	0.000	0.202	0.402	0.607	0.807	1.000			
η /(mPa s)	0.720	1.070	1.220	1.080	0.834	0.477			
$T/^\circ\text{C} = 45.0$									55F1, 56F1
w_2	0.000	0.202	0.402	0.607	0.807	1.000			
η /(mPa s)	0.597	0.832	0.952	0.868	0.690	0.420			
$T/^\circ\text{C} = 25.0$									51C1
w_2	0.0000	0.0977	0.2001	0.3001	0.3402	0.3773	0.4000	0.5000	0.5995
η /(mPa s)	0.8937	1.1724	1.4186	1.5816	1.6243	1.6601	1.6713	1.5760	1.4264
w_2	0.6997	0.8003	0.8997	1.0000					
η /(mPa s)	1.2335	1.0241	0.7885	0.5565					
$T/^\circ\text{C} = 0.0$									28T1
w_2	0.000	0.139	0.284	0.359	0.379	0.398	0.437	0.498	0.603
η /(mPa s)	1.80	2.85	3.63	3.67	3.68	3.66	3.56	3.36	2.85
w_2	0.782	0.984							
η /(mPa s)	1.88	0.86							
$T/^\circ\text{C} = 10.0$									28T1
w_2	0.000	0.139	0.284	0.359	0.379	0.398	0.437	0.498	0.603
η /(mPa s)	1.31	1.94	2.44	2.54	2.53	2.53	2.51	2.39	2.10

w_2	0.782	0.984							
$\eta /(\text{mPa s})$	1.49	0.72							
$T / ^\circ\text{C} = 20.0$									28T1
w_2	0.000	0.139	0.284	0.359	0.379	0.398	0.437	0.498	0.603
$\eta /(\text{mPa s})$	1.01	1.43	1.76	1.83	1.84	1.84	1.82	1.79	1.59
w_2	0.782	0.984							
$\eta /(\text{mPa s})$	1.19	0.62							
$T / ^\circ\text{C} = 30.0$									28T1
w_2	0.000	0.284	0.359	0.379	0.398	0.437	0.498	0.603	
$\eta /(\text{mPa s})$	0.80	1.31	1.367	1.369	1.374	1.366	1.34	1.23	
w_2	0.782	0.984							
$\eta /(\text{mPa s})$	0.95	0.54							
$T / ^\circ\text{C} = 25.0$									28W1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.5969	0.9473	1.229	1.483	1.656	1.760	1.781	1.667	1.466
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.240	1.000							
$T / ^\circ\text{C} = 25.0$									13B1
w_2	0.0000	0.2141	0.4736	0.7161	1.0000				
$\eta /(\text{mPa s})$	0.8952	1.4229	1.5605	1.1896	0.5482				
$T / ^\circ\text{C} = 35.0$									13B1
w_2	0.0000	0.2141	0.4736	0.7161	1.0000				
$\eta /(\text{mPa s})$	0.7220	1.0904	1.2016	0.9579	0.4764				
$T / ^\circ\text{C} = 45.0$									13B1
w_2	0.0000	0.2141	0.4736	0.7161	1.0000				
$\eta /(\text{mPa s})$	0.6013	0.8643	0.9533	0.7854	0.4202				
$T / ^\circ\text{C} = 55.0$									13B1
w_2	0.0000	0.2141	0.4736	0.7161	1.0000				
$\eta /(\text{mPa s})$	0.5079	0.7024	0.7747	0.6530	0.3710				
$T / ^\circ\text{C} = 20.0$									08D1
w_2	0.0000	0.1974	0.3782	0.5861	0.7964	1.0000			
$\eta /(\text{mPa s})$	1.002	1.587	1.816	1.593	1.115	0.5852			
$T / ^\circ\text{C} = 25.0$									08D1
w_2	0.0000	0.1974	0.3782	0.5861	0.7964	1.0000			
$\eta /(\text{mPa s})$	0.891	1.378	1.567	1.399	1.003	0.5525			
$T / ^\circ\text{C} = 30.0$									08D1
w_2	0.0000	0.1974	0.3782	0.5861	0.7964	1.0000			
$\eta /(\text{mPa s})$	0.798	1.198	1.379	1.249	0.9098	0.5151			

$T/^\circ\text{C} = 15.0$									16T1
w_1	0.0000	0.00762	0.0123	0.02477	0.04653	0.08103	0.1121	0.1514	
$\eta/(\text{mPa s})$	0.6292	0.652	0.671	0.708	0.782	0.891	0.995	1.111	
$T/^\circ\text{C} = 10.0$									06G1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	1.303	1.617	1.963	2.180	2.340	2.491	2.140	1.980	1.476
w_2	0.90	1.00							
$\eta/(\text{mPa s})$	1.061	0.686							
$T/^\circ\text{C} = 15.0$									06G1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	1.134	1.446	1.762	1.959	2.058	2.073	1.949	1.689	1.307
w_2	0.90	1.00							
$\eta/(\text{mPa s})$	0.965	0.638							
$T/^\circ\text{C} = 20.0$									06G1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	1.002	1.253	1.516	1.680	1.770	1.798	1.681	1.513	1.192
w_2	0.90	1.00							
$\eta/(\text{mPa s})$	0.874	0.591							
$T/^\circ\text{C} = 25.0$									06G1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.891	1.098	1.316	1.444	1.502	1.572	1.461	1.339	1.081
w_2	0.90	1.00							
$\eta/(\text{mPa s})$	0.805	0.553							
$T/^\circ\text{C} = 30.0$									06G1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.798	0.982	1.145	1.257	1.329	1.363	1.269	1.184	0.964
w_2	0.90	1.00							
$\eta/(\text{mPa s})$	0.726	0.515							
$T/^\circ\text{C} = 35.0$									06G1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.720	0.875	1.009	1.111	1.157	1.198	1.154	1.058	0.872
w_2	0.90	1.00							
$\eta/(\text{mPa s})$	0.673	0.483							
$T/^\circ\text{C} = 40.0$									06G1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.654	0.793	0.902	0.989	1.003	1.045	0.997	0.946	0.784
w_2	0.90	1.00							
$\eta/(\text{mPa s})$	0.620	0.451							
$T/^\circ\text{C} = 63.0$									06G1

w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.459	0.504	0.508	0.586	0.611	0.636	0.594	0.568	0.526
w_2	0.90								
$\eta /(\text{mPa s})$	0.424								
$T/\text{K} = 283.15$									95C3
x_1	0.0000	0.1994	0.4174	0.5984	0.7945	1.0000			
$\nu /(\text{mm}^2/\text{s})$	0.839	1.335	1.962	2.502	2.673	1.324			
$T/\text{K} = 313.15$									95C3
x_1	0.0000	0.2247	0.3926	0.6093	0.8011	1.0000			
$\nu /(\text{mm}^2/\text{s})$	0.570	0.833	1.008	1.178	1.135	0.667			
$T/^\circ\text{C} = 25.0$									90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\nu /(\text{mm}^2/\text{s})$	0.8950	1.9974	2.5269	2.6280	2.5368	2.3067	2.1170	1.9352	1.7519
x_2	0.90	1.00							
$\nu /(\text{mm}^2/\text{s})$	1.4940	1.4023							
$T/^\circ\text{C} = 10.0$									82D1
x_2	0.0000	0.0228	0.0460	0.0985	0.1578	0.2197	0.3153	0.4112	0.5187
$\nu /(\text{mm}^2/\text{s})$	1.290	1.480	1.685	2.112	2.445	2.635	2.616	2.420	2.125
x_2	0.6496	0.8015	0.8739	0.9310	1.0000				
$\nu /(\text{mm}^2/\text{s})$	1.741	1.332	1.134	0.993	0.854				
$T/^\circ\text{C} = 20.0$									82D1
x_2	0.0000	0.0228	0.0460	0.0985	0.1578	0.2197	0.3153	0.4112	0.5187
$\nu /(\text{mm}^2/\text{s})$	1.005	1.135	1.273	1.560	1.794	1.940	1.970	1.864	1.673
x_2	0.6496	0.8015	0.8739	0.9310	1.0000				
$\nu /(\text{mm}^2/\text{s})$	1.414	1.105	0.969	0.862	0.750				
$T/^\circ\text{C} = 30.0$									82D1
x_2	0.0000	0.0228	0.0460	0.0985	0.1578	0.2197	0.3153	0.4112	0.5187
$\nu /(\text{mm}^2/\text{s})$	0.804	0.894	0.992	1.189	1.353	1.465	1.503	1.451	1.330
x_2	0.6496	0.8015	0.8739	0.9310	1.0000				
$\nu /(\text{mm}^2/\text{s})$	1.152	0.932	0.831	0.747	0.659				
$T/^\circ\text{C} = 40.0$									82D1
x_2	0.0000	0.0228	0.0468	0.0976	0.1578	0.2204	0.3194	0.4076	0.5164
$\nu /(\text{mm}^2/\text{s})$	0.662	0.729	0.799	0.937	1.057	1.142	1.185	1.158	1.080
x_2	0.6468	0.8012	0.8755	0.9327	1.0000				
$\nu /(\text{mm}^2/\text{s})$	0.961	0.796	0.715	0.652	0.581				
$T/^\circ\text{C} = 50.0$									82D1
x_2	0.0000	0.0228	0.0468	0.0976	0.1578	0.2204	0.3194	0.4076	0.5164
$\nu /(\text{mm}^2/\text{s})$	0.558	0.603	0.654	0.754	0.842	0.917	0.945	0.941	0.892
x_2	0.6468	0.8012	0.8755	0.9327	1.0000				

$v/(mm^2/s)$	0.823	0.683	0.622	0.573	0.516				
$T/^\circ C = 25.0$									81W1
x_2	0.00	0.02	0.05	0.10	0.20	0.50	1.00		
$v/(mm^2/s)$	0.893	1.169	1.613	2.178	2.790	2.884	2.428		

148 **H₂O (1)** **water** **7732-18-5**
 CH₆N₂ (2) **methyl-hydrazine** **60-34-4**

$T/K = 248.15$ 92L1

x_2	0.0000	0.1615	0.2017	0.2563	0.3030	0.3234	0.3482	0.4048	0.4408
$\eta/(mPa\ s)$	6.45	52.28	84.39	124.95	165.14	166.07	167.20	140.14	118.51

x_2	0.5008	0.6034	0.6873	0.8036	0.8917	1.0000			
$\eta/(mPa\ s)$	78.79	41.96	23.36	10.63	5.27	3.19			

$T/K = 258.15$ 92L1

x_2	0.0000	0.1003	0.1615	0.2017	0.2563	0.3030	0.3234	0.3482	0.4048
$\eta/(mPa\ s)$	3.34	11.44	24.83	37.62	50.90	58.85	61.06	61.50	54.67

x_2	0.4408	0.5008	0.6034	0.6873	0.8036	0.8917	1.0000		
$\eta/(mPa\ s)$	42.43	30.62	17.58	10.15	5.97	2.88	2.18		

$T/K = 268.15$ 92L1

x_2	0.0000	0.0514	0.1003	0.1615	0.2017	0.2563	0.3030	0.3482	
$\eta/(mPa\ s)$	2.16	3.67	6.46	11.79	16.16	22.30	26.47	26.89	

x_2	0.4048	0.4408	0.5008	0.6034	0.6873	0.8036	0.8917	1.0000	
$\eta/(mPa\ s)$	24.33	20.84	14.95	9.40	5.80	3.67	2.34	1.59	

$T/K = 278.15$ 92L1

x_2	0.0000	0.0514	0.1003	0.1615	0.2017	0.2563	0.3030	0.3482	
$\eta/(mPa\ s)$	1.53	2.55	4.18	7.18	9.30	12.15	13.52	13.32	

x_2	0.4048	0.4408	0.5008	0.6034	0.6873	0.8036	0.8917	1.0000	
$\eta/(mPa\ s)$	12.28	10.68	7.88	5.53	3.48	2.51	1.66	1.15	

$T/K = 293.15$ 92L1

x_2	0.0000	0.0514	0.1003	0.1615	0.2017	0.2563	0.3030	0.3482	
$\eta/(mPa\ s)$	1.01	1.53	2.35	3.54	4.51	5.58	6.00	5.90	

x_2	0.4048	0.4408	0.5008	0.6034	0.6873	0.8036	0.8917	1.0000	
$\eta/(mPa\ s)$	5.50	4.91	4.07	2.98	2.16	1.56	1.22	0.96	

149 **H₂O (1)** **water** **7732-18-5**
 C₂D₆OS (2) **hexadeuterio-dimethyl-sulfoxide** **2206-27-1**

$T/K = 298.15$ 97S1

x_1	0.0500	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000
$\eta^E/(mPa\ s)$	0.1292	0.2705	0.6040	1.036	1.468	2.012	2.467	2.553	1.895

x_1	0.9000	0.9500
$\eta^E/(\text{mPa s})$	0.8503	0.3806

150	H₂O (1)	C₂HBr₃O (2)	water					7732-18-5			
			tribromoacetaldehyde							115-17-3	
$T/^\circ\text{C} = 40.0$										18E1	
x_2	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400		
$\eta/(\text{mPa s})$	0.6588	1.669	3.070	5.413	8.894	13.454	19.990	27.145	34.169		
x_2	0.425	0.450	0.475	0.500	0.525	0.550	0.575	0.600	0.650		
$\eta/(\text{mPa s})$	37.600	40.844	43.756	46.140	43.012	39.613	36.312	33.469	26.613		
x_2	0.700	0.750	0.800	0.900	0.950	1.000					
$\eta/(\text{mPa s})$	21.050	17.011	13.072	6.810	5.021	3.725					
$T/^\circ\text{C} = 50.0$										18E1	
x_2	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400		
$\eta/(\text{mPa s})$	0.5537	1.252	2.211	3.728	5.870	8.602	11.479	14.607	17.128		
x_2	0.425	0.450	0.475	0.500	0.525	0.550	0.575	0.600	0.650		
$\eta/(\text{mPa s})$	18.251	19.432	20.188	20.691	20.152	18.984	17.763	16.428	13.522		
x_2	0.700	0.750	0.800	0.900	0.950	1.000					
$\eta/(\text{mPa s})$	11.165	9.210	7.535	4.638	3.722	3.026					
$T/^\circ\text{C} = 60.0$										18E1	
x_2	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400		
$\eta/(\text{mPa s})$	0.4752	1.022	1.699	2.807	4.138	5.677	7.203	8.582	9.740		
x_2	0.425	0.450	0.475	0.500	0.525	0.550	0.575	0.600	0.650		
$\eta/(\text{mPa s})$	10.322	10.723	10.996	10.896	10.809	10.245	9.743	9.122	7.863		
x_2	0.700	0.750	0.800	0.900	0.950	1.000					
$\eta/(\text{mPa s})$	6.644	5.693	4.833	3.294	2.871	2.501					
$T/^\circ\text{C} = 70.0$										18E1	
x_2	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400		
$\eta/(\text{mPa s})$	0.4144	0.845	1.354	2.048	2.988	3.987	4.747	5.323	5.885		
x_2	0.425	0.450	0.475	0.500	0.525	0.550	0.575	0.600	0.650		
$\eta/(\text{mPa s})$	6.141	6.273	6.389	6.340	6.183	5.963	5.692	5.410	4.812		
x_2	0.700	0.750	0.800	0.900	0.950	1.000					
$\eta/(\text{mPa s})$	4.247	3.813	3.328	2.483	2.232	2.081					
$T/^\circ\text{C} = 85.0$										18E1	
x_2	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400		
$\eta/(\text{mPa s})$	0.3450	0.659	0.996	1.447	1.947	2.354	2.725	2.971	3.160		
x_2	0.425	0.450	0.475	0.500	0.525	0.550	0.575	0.600	0.650		
$\eta/(\text{mPa s})$	3.243	3.277	3.232	3.166	3.120	3.114	2.984	2.909	2.681		
x_2	0.700	0.750	0.800	0.900	0.950	1.000					
$\eta/(\text{mPa s})$	2.461	2.261	2.153	1.782	1.673	1.607					

$T/^\circ\text{C} = 100.0$									
x_2	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400
$\eta/(\text{mPa s})$	0.2945	0.522	0.795	1.089	1.386	1.638	1.839	1.972	2.045
x_2	0.425	0.450	0.475	0.500	0.525	0.550	0.575	0.600	0.650
$\eta/(\text{mPa s})$	2.076	2.063	2.032	2.005	1.998	1.944	1.901	1.841	1.723
x_2	0.700	0.750	0.800	0.900	0.950	1.000			
$\eta/(\text{mPa s})$	1.632	1.522	1.479	1.351	1.282	1.264			

151 **H₂O (1)** **water** **7732-18-5**
 C₂HCl₃O (2) **trichloroacetaldehyde** **75-87-6**

$T/^\circ\text{C} = 50.0$									
x_2	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	
$\eta/(\text{mPa s})$	0.548	1.031	1.731	2.671	4.156	5.987	8.751	11.361	
x_2	0.400	0.425	0.450	0.465	0.475	0.490	0.500	0.550	0.600
$\eta/(\text{mPa s})$	14.326	15.573	16.370	17.061	17.383	17.261	16.718	14.073	11.392
x_2	0.700	0.800	0.900	1.000					
$\eta/(\text{mPa s})$	5.695	2.681	1.447	0.869					

$T/^\circ\text{C} = 60.0$									
x_2	0.000	0.020	0.050	0.100	0.150	0.200	0.250	0.300	0.350
$\eta/(\text{mPa s})$	0.468	0.593	0.838	1.391	2.089	3.087	4.340	5.756	7.210
x_2	0.400	0.425	0.450	0.465	0.475	0.490	0.500	0.550	0.600
$\eta/(\text{mPa s})$	8.539	9.013	9.135	9.054	8.981	8.783	8.647	7.548	6.021
x_2	0.700	0.800	0.900	1.000					
$\eta/(\text{mPa s})$	3.373	1.845	1.150	0.779					

$T/^\circ\text{C} = 70.0$									
x_2	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	
$\eta/(\text{mPa s})$	0.406	0.685	1.077	1.621	2.278	2.996	3.752	4.527	
x_2	0.400	0.425	0.450	0.465	0.475	0.490	0.500	0.550	0.600
$\eta/(\text{mPa s})$	5.066	5.149	5.137	5.051	5.013	4.853	4.773	4.061	3.395
x_2	0.700	0.800	0.900	1.000					
$\eta/(\text{mPa s})$	2.154	1.353	0.970	0.677					

$T/^\circ\text{C} = 85.0$									
x_2	0.000	0.020	0.050	0.100	0.150	0.200	0.250	0.300	0.350
$\eta/(\text{mPa s})$	0.385	0.419	0.549	0.839	1.178	1.614	2.030	2.391	2.700
x_2	0.400	0.425	0.450	0.465	0.475	0.490	0.500	0.550	0.600
$\eta/(\text{mPa s})$	2.846	2.896	2.837	2.741	2.653	2.553	2.476	2.165	1.875
x_2	0.700	0.800	0.900	1.000					
$\eta/(\text{mPa s})$	1.308	0.902	0.653	0.557					

$T/^\circ\text{C} = 90.0$									
x_2	0.000	0.050	0.100	0.150	0.200	0.250	0.300	0.350	

η /(mPa s)	0.316	0.474	0.738	1.025	1.362	1.694	1.963	2.173	
x_2	0.400	0.425	0.450	0.465	0.475	0.500	1.000		
η /(mPa s)	2.252	2.231	2.140	2.101	2.057	1.957	0.523		
152	H₂O (1)	C₂HCl₃O₂ (2)	water					7732-18-5	
			trichloroacetic acid					76-03-9	
$T/^\circ\text{C} = 25.0$									67F2
x_2	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60
η /(mPa s)	0.890	2.71	4.43	5.96	7.58	8.41	9.13	10.15	11.30
x_2	0.70								
η /(mPa s)	12.48								
$T/^\circ\text{C} = 50.0$									67F2
x_2	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60
η /(mPa s)	0.547	1.401	2.14	2.81	3.39	3.69	3.99	4.35	4.67
x_2	0.70	0.80	0.90	1.00					
η /(mPa s)	5.13	5.32	5.21	4.99					
153	H₂O (1)	C₂HF₃O₂ (2)	water					7732-18-5	
			trifluoroacetic acid					76-05-1	
$T/^\circ\text{C} = 25.0$									63F5
x_2	0.0000	0.0591	0.1253	0.1989	0.2478	0.3389	0.4160	0.5067	0.7480
η /(mPa s)	0.894	1.591	2.122	2.304	2.292	2.194	2.057	1.843	1.339
x_2	1.000								
η /(mPa s)	0.813								
$T/^\circ\text{C} = 50.0$									63F5
x_2	0.0000	0.0591	0.1253	0.1989	0.2478	0.3389	0.4160	0.5067	0.7480
η /(mPa s)	0.549	0.884	1.099	1.176	1.204	1.168	1.117	1.054	0.824
x_2	1.000								
η /(mPa s)	0.576								
154	H₂O (1)	C₂H₂Cl₂O₂ (2)	water					7732-18-5	
			dichloroacetic acid					79-43-6	
$T/^\circ\text{C} = 25.0$									67F2
x_2	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60
η /(mPa s)	0.890	2.12	3.10	3.96	4.85	5.28	5.67	6.02	6.36
x_2	0.70	0.80	0.90	1.00					
η /(mPa s)	6.76	7.01	6.81	6.50					
$T/^\circ\text{C} = 50.0$									67F2

x_2	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60
η /(mPa s)	0.547	1.13	1.60	2.01	2.40	2.58	2.76	2.81	3.03
x_2	0.70	0.80	0.90	1.00					
η /(mPa s)	3.25	3.32	3.31	3.23					
155	H₂O (1)		water						7732-18-5
	C₂H₃ClO₂ (2)		chloroacetic acid						79-11-8
T /°C = 25.0									67F2
x_2	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60
η /(mPa s)	0.890	1.70	2.35	3.20	3.96	4.20	4.84	5.26	5.71
x_2	0.70	0.80							
η /(mPa s)	6.29	6.61							
T /°C = 50.0									67F2
x_2	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60
η /(mPa s)	0.547	0.95	1.29	1.65	1.99	2.19	2.37	2.55	2.74
x_2	0.70	0.80	0.90	1.00					
η /(mPa s)	2.96	3.11	3.14	3.15					
156	H₂O (1)		water						7732-18-5
	C₂H₃F₃O (2)		2,2,2-trifluoro-ethanol						75-89-8
T /K = 303.15									94O1
x_2	0.0000	0.0431	0.0716	0.1072	0.1526	0.2127	0.2506	0.2959	0.3507
η /(mPa s)	0.7987	1.1332	1.2913	1.4368	1.5514	1.6144	1.6306	1.6228	1.6070
x_2	0.4187	0.5051	0.5574	0.6184	0.6718	0.7137	0.7718	0.8534	0.9382
η /(mPa s)	1.5705	1.5260	1.5038	1.4929	1.4767	1.4629	1.4687	1.4865	1.5187
x_2	1.0000								
η /(mPa s)	1.5521								
T /K = 298.15									93M3
x_2	0.1022	0.2084	0.3227	0.4087	0.5727	0.7111	0.9104	1.0000	
η /(mPa s)	1.608	1.828	1.802	1.743	1.665	1.621	1.640	1.744	
T /K = 323.15									93M3
x_2	0.1022	0.2084	0.3227	0.4087	0.5727	0.7111	0.9104	1.0000	
η /(mPa s)	0.850	0.944	0.949	0.940	0.911	0.912	0.935	0.948	
A table is given in the original source 93M3 for pressures up to 80 MPa.									93M3
T /K = 298.15									92M1
x_2	0.3227	0.5727	0.9104	1.0000					
η /(mPa s)	1.801	1.662	1.638	1.735					
T /K = 323.15									92M1

x_2	0.3227	0.5727	0.9104	1.0000					
η /(mPa s)	0.948	0.911	0.935	0.949					
$T/^\circ\text{C} = 15.0$									66M2
w_2	0.0000	0.0528	0.1065	0.2092	0.2527	0.3012	0.3865	0.4727	0.5929
η /(mPa s)	1.135	1.290	1.458	1.789	1.929	2.088	2.286	2.463	2.584
w_2	0.6665	0.8396	0.9409	0.9997					
η /(mPa s)	2.576	2.367	2.139	2.329					
$T/^\circ\text{C} = 25.0$									66M2
w_2	0.0000	0.0528	0.1065	0.2092	0.2527	0.3012	0.3865	0.4727	0.5929
η /(mPa s)	0.891	0.991	1.086	1.293	1.392	1.479	1.620	1.751	1.830
w_2	0.6665	0.8396	0.9409	0.9997					
η /(mPa s)	1.845	1.737	1.610	1.780					
$T/^\circ\text{C} = 40.0$									66M2
w_2	0.0000	0.0528	0.1065	0.2092	0.2527	0.3012	0.3865	0.4727	0.5929
η /(mPa s)	0.652	0.715	0.773	0.883	0.949	0.996	1.091	1.154	1.230
w_2	0.6665	0.8396	0.9409	0.9997					
η /(mPa s)	1.230	1.178	1.118	1.210					
$T/^\circ\text{C} = 50.0$									66M2
w_2	0.0000	0.0528	0.1065	0.2092	0.2527	0.3012	0.3865	0.4727	0.5929
η /(mPa s)	0.547	0.589	0.635	0.712	0.757	0.792	0.866	0.928	0.965
w_2	0.6665	0.8396	0.9409	0.9997					
η /(mPa s)	0.970	0.948	0.904	0.968					
$T/\text{K} = 293.15$									96O1
x_2	0.0000	0.0431	0.0716	0.1072	0.1526	0.2127	0.2506	0.2959	0.3507
ν /(mm ² /s)	1.0106	1.3954	1.5678	1.6910	1.7675	1.7835	1.7743	1.7252	1.6813
x_2	0.4187	0.5051	0.6184	0.6718	0.7248	0.7718	0.8534	0.9382	1.0000
ν /(mm ² /s)	1.6021	1.5275	1.4390	1.4217	1.4015	1.3947	1.3985	1.4296	1.4742
$T/\text{K} = 313.15$									96O1
x_2	0.0000	0.0431	0.0716	0.1072	0.1526	0.2127	0.2506	0.2959	0.3507
ν /(mm ² /s)	0.6583	0.8356	0.9117	0.9744	1.0150	1.0263	1.0243	1.0062	0.9859
x_2	0.4187	0.5051	0.6184	0.6718	0.7248	0.7718	0.8534	0.9382	1.0000
ν /(mm ² /s)	0.9518	0.9229	0.8837	0.3770	0.3731	0.8706	0.8743	0.8910	0.9081
$T/\text{K} = 323.15$									96O1
x_2	0.0000	0.0431	0.0716	0.1072	0.1526	0.2127	0.2506	0.2959	0.3507
ν /(mm ² /s)	0.5556	0.6793	0.7364	0.7815	0.8132	0.8224	0.8246	0.8100	0.7969
x_2	0.4187	0.5051	0.6184	0.6718	0.7248	0.7718	0.8534	0.9382	1.0000
ν /(mm ² /s)	0.7687	0.7468	0.7209	0.7138	0.7116	0.7072	0.7085	0.7237	0.7399
$T/\text{K} = 333.15$									96O1
x_2	0.0000	0.0431	0.0716	0.1072	0.1526	0.2127	0.2506	0.2959	0.3507

$v/(mm^2/s)$	0.4670	0.5692	0.6123	0.6506	0.6720	0.6800	0.6775	0.6700	0.5686
x_2	0.4187	0.5051	0.6184	0.6718	0.7248	0.7718	0.8534	0.9382	1.0000
$v/(mm^2/s)$	0.6399	0.6259	0.6051	0.6004	0.5982	0.5948	0.5971	0.6058	0.6128
$T/K = 303.15$									94O1
x_2	0.0000	0.0431	0.0716	0.1072	0.1526	0.2127	0.2506	0.2959	0.3507
$v/(mm^2/s)$	0.8022	1.0626	1.1719	1.2593	1.3156	1.3268	1.3186	1.2918	1.2593
x_2	0.4187	0.5051	0.5574	0.6184	0.6718	0.7137	0.7718	0.8534	0.9382
$v/(mm^2/s)$	1.2125	1.1602	1.1350	1.1185	1.1002	1.0855	1.0845	1.0914	1.1093
x_2	1.0000								
$v/(mm^2/s)$	1.1298								

157 **H₂O (1)** **water** **7732-18-5**
C₂H₃N (2) **acetonitrile** **75-05-8**

$T/K = 298.15$ 95A5

x_1	0.0000	0.1028	0.2071	0.2970	0.4021	0.4985	0.6057	0.6987	0.7843
$\eta/(mPa\ s)$	0.361	0.375	0.402	0.436	0.495	0.563	0.656	0.750	0.842

x_1	0.8773	1.0000
$\eta/(mPa\ s)$	0.940	0.891

$T/^\circ C = 20.0$ 94W2

x_2	0.00000	0.00020	0.00050	0.00102	0.00501	0.01227	0.05046	0.07929
$\eta/(mPa\ s)$	1.0030	1.0041	1.0052	1.0076	1.0213	1.0446	1.1195	1.1128
x_2	0.16025	0.29927	0.43048	0.55010	0.70431	0.81238	0.92514	0.98737
$\eta/(mPa\ s)$	1.0269	0.8430	0.6800	0.5587	0.4485	0.3963	0.3623	0.3544

x_2	0.99689	0.99887	0.99951	0.99966	0.99984	0.99995	0.99995
$\eta/(mPa\ s)$	0.3539	0.3539	0.3539	0.3539	0.3539	0.3540	0.3539

$T/^\circ C = 25.0$ 94W2

x_2	0.00000	0.00020	0.00050	0.00102	0.00501	0.01227	0.05046	0.07929
$\eta/(mPa\ s)$	0.8909	0.8917	0.8925	0.8946	0.9056	0.9245	0.9789	0.9811
x_2	0.16025	0.29927	0.43048	0.55010	0.70431	0.81238	0.92514	0.98737
$\eta/(mPa\ s)$	0.9137	0.7598	0.6207	0.5160	0.4193	0.3734	0.3436	0.3368

x_2	0.99689	0.99887	0.99951	0.99966	0.99984	0.99995	0.99995
$\eta/(mPa\ s)$		0.3364	0.3363	0.3363	0.3363	0.3364	0.3363

$T/^\circ C = 30.0$ 94W2

x_2	0.00000	0.00020	0.00050	0.00102	0.00501	0.01227	0.05046	0.07929
$\eta/(mPa\ s)$	0.7977	0.7983	0.7992	0.8007	0.8096	0.8251	0.8701	0.8727
x_2	0.16025	0.29927	0.43048	0.55010	0.70431	0.81238	0.92514	0.98737
$\eta/(mPa\ s)$	0.8191	0.6894	0.5696	0.4783	0.3932	0.3523	0.3262	0.3204

x_2	0.99689	0.99887	0.99951	0.99966	0.99984	0.99995	0.99995
$\eta/(mPa\ s)$	0.3200	0.3200	0.3200	0.3200	0.3200	0.3201	0.3201

$T/^\circ\text{C} = 35.0$									94W2
x_2	0.00000	0.00020	0.00050	0.00102	0.00501	0.01227	0.05046	0.07929	
$\eta/(\text{mPa s})$	0.7194	0.7200	0.7205	0.7220	0.7292	0.7420	0.7793	0.7822	
x_2	0.16025	0.29927	0.43048	0.55010	0.70431	0.81238	0.92514	0.98737	
$\eta/(\text{mPa s})$	0.7391	0.6286	0.5249	0.4450	0.3696	0.3333	0.3103	0.3052	
x_2	0.99689	0.99887	0.99951	0.99966	0.99984	0.99995	0.99995	0.99995	
$\eta/(\text{mPa s})$	0.3049	0.3049	0.3049	0.3049	0.3049	0.3050	0.3049		
$T/^\circ\text{C} = 40.0$									94W2
x_2	0.00000	0.00020	0.00050	0.00102	0.00501	0.01227	0.05046	0.07929	
$\eta/(\text{mPa s})$	0.6531	0.6536	0.6540	0.6553	0.6612	0.6717	0.7029	0.7059	
x_2	0.16025	0.29927	0.43048	0.55010	0.70431	0.81238	0.92514	0.98737	
$\eta/(\text{mPa s})$	0.6710	0.5763	0.4858	0.4151	0.3481	0.3158	0.2955	0.2911	
x_2	0.99689	0.99887	0.99951	0.99966	0.99984	0.99995	0.99995	0.99995	
$\eta/(\text{mPa s})$	0.2909	0.2909	0.2908	0.2908	0.2908	0.2909	0.2909		
$T/^\circ\text{C} = 25.0$									90M1
w_2	0.000	0.072	0.135	0.189	0.237	0.318	0.383	0.437	0.492
$\eta/(\text{mPa s})$	0.89	0.96	0.99	0.99	0.96	0.89	0.86	0.82	0.77
w_2	0.564	0.660	0.721	0.795	0.886	1.000			
$\eta/(\text{mPa s})$	0.70	0.59	0.54	0.47	0.40	0.34			
$T/\text{K} = 278.15$									87E1
x_2	0.0000	0.01019	0.03045	0.0500	0.0748	0.1012	0.1545	0.2024	0.3947
$\eta/(\text{mPa s})$	1.519	1.595	1.708	1.748	1.751	1.708	1.573	1.451	1.019
x_2	0.4990	0.6003	0.6762	0.7500	0.8108	0.9000	1.0000		
$\eta/(\text{mPa s})$	0.820	0.672	0.591	0.531	0.492	0.451	0.429		
$T/^\circ\text{C} = 25.0$									76S1
w_2	0.0000	0.1108	0.2724	0.3787	0.6008	0.8022	1.0000		
$\eta/(\text{mPa s})$	0.8903	0.9720	0.9310	0.8555	0.6435	0.4690	0.3448		
$T/^\circ\text{C} = 25.0$									75M1
x_2	0.00	0.10	0.20	0.35	0.50	0.70	0.85	1.00	
$\eta/(\text{mPa s})$	0.890	0.970	0.864	0.698	0.552	0.431	0.371	0.347	
$T/^\circ\text{C} = 15.0$									69M2
x_2	0.000	0.032	0.057	0.097	0.154	0.200	0.395	0.596	0.800
$\eta/(\text{mPa s})$	1.140	1.249	1.265	1.256	1.164	1.084	0.799	0.556	0.436
x_2	1.000								
$\eta/(\text{mPa s})$	0.379								
$T/^\circ\text{C} = 20.0$									69M2
x_2	0.000	0.032	0.057	0.097	0.154	0.200	0.395	0.596	0.800
$\eta/(\text{mPa s})$	1.005	1.095	1.110	1.103	1.023	0.963	0.723	0.516	0.413

x_2	1.000								
$\eta /(\text{mPa s})$	0.366								
$T / ^\circ\text{C} = 30.0$									69M2
x_2	0.000	0.032	0.057	0.097	0.154	0.200	0.395	0.596	0.800
$\eta /(\text{mPa s})$	0.801	0.861	0.872	0.868	0.815	0.774	0.607	0.449	0.372
x_2	1.000								
$\eta /(\text{mPa s})$	0.332								
$T / ^\circ\text{C} = 40.0$									69M2
x_2	0.000	0.032	0.057	0.097	0.154	0.200	0.395	0.596	0.800
$\eta /(\text{mPa s})$	0.656	0.698	0.707	0.707	0.668	0.641	0.516	0.399	0.340
x_2	1.000								
$\eta /(\text{mPa s})$	0.310								
$T / ^\circ\text{C} = 50.0$									69M2
x_2	0.000	0.032	0.057	0.097	0.154	0.200	0.395	0.596	0.800
$\eta /(\text{mPa s})$	0.549	0.579	0.587	0.589	0.561	0.540	0.447	0.356	0.312
x_2	1.000								
$\eta /(\text{mPa s})$	0.291								
$T / ^\circ\text{C} = 25.0$									67C1
x_1	0.0000	0.2626	0.4466	0.4952	0.6032	0.6130	0.6508	0.7029	0.7445
$\eta /(\text{mPa s})$	0.3409	0.4202	0.5171	0.5545	0.6514	0.6606	0.6697	0.7545	0.8010
x_1	0.7543	1.0000							
$\eta /(\text{mPa s})$	0.8151	0.8903							
$T / ^\circ\text{C} = 15.0$									67P1
x_2	0.032	0.057	0.097	0.154	0.200	0.395	0.596	0.800	1.000
$\eta /(\text{mPa s})$	1.249	1.265	1.256	1.164	1.084	0.799	0.556	0.436	0.379
$T / ^\circ\text{C} = 20.0$									67P1
x_2	0.032	0.057	0.097	0.154	0.200	0.395	0.596	0.800	1.000
$\eta /(\text{mPa s})$	1.095	1.110	1.103	1.023	0.963	0.723	0.516	0.413	0.366
$T / ^\circ\text{C} = 30.0$									67P1
x_2	0.032	0.057	0.097	0.154	0.200	0.395	0.596	0.800	1.000
$\eta /(\text{mPa s})$	0.861	0.872	0.868	0.815	0.774	0.607	0.449	0.372	0.332
$T / ^\circ\text{C} = 40.0$									67P1
x_2	0.032	0.057	0.097	0.154	0.200	0.395	0.596	0.800	1.000
$\eta /(\text{mPa s})$	0.698	0.707	0.707	0.668	0.641	0.516	0.399	0.340	0.310
$T / ^\circ\text{C} = 50.0$									67P1
x_2	0.032	0.057	0.097	0.154	0.200	0.395	0.596	0.800	1.000
$\eta /(\text{mPa s})$	0.579	0.587	0.589	0.561	0.540	0.447	0.356	0.312	0.291
$T / ^\circ\text{C} = 20.0$									50V1

x_2	0.00	0.03	0.06	0.12	0.22	0.29	0.37	0.43	0.61
η /(mPa s)	1.0060	1.0911	1.1238	1.1055	1.0292	0.9338	0.7979	0.7220	0.5948
x_2	0.70	0.87	1.0						
η /(mPa s)	0.5389	0.4657	0.3830						
158	H₂O (1)		water						7732-18-5
	C₂H₄O (2)		acetaldehyde						75-07-0
T /°C = 0.0									38K3
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.70	0.90	1.00
η /(mPa s)	1.801	4.683	7.308	7.964	7.243	6.146	2.818	1.064	0.273
159	H₂O (1)		water						7732-18-5
	C₂H₄O₂ (2)		acetic acid						64-19-7
$w_2 = 0.12$									96B6
T /K	294.05	308.30	323.35	338.25	353.20	368.05	378.05	383.15	394.45
η /(mPa s)	1.188	0.879	0.668	0.517	0.418	0.347	0.312	0.291	0.266
T /K	405.25	413.45	424.15	433.4	444.35	452.95			
η /(mPa s)	0.241	0.227	0.207	0.194	0.181	0.171			
$w_2 = 0.25$									96B6
T /K	296.15	303.75	312.65	322.35	332.65	342.60	352.25	362.15	372.30
η /(mPa s)	1.509	1.247	1.024	0.852	0.709	0.613	0.535	0.464	0.408
T /K	393.35	411.00	430.00	450.15					
η /(mPa s)	0.317	0.272	0.231	0.210					
$w_2 = 0.50$									96B6
T /K	298.95	307.35	316.60	325.40	333.55	342.50	352.35	362.15	372.95
η /(mPa s)	1.803	1.446	1.194	0.995	0.868	0.752	0.655	0.574	0.512
T /K	385.95	407.50	426.75	447.55					
η /(mPa s)	0.440	0.343	0.285	0.244					
$w_2 = 0.75$									96B6
T /K	297.60	307.40	316.80	326.20	334.60	343.30	353.30	363.20	372.95
η /(mPa s)	2.341	1.822	1.496	1.237	1.059	0.922	0.800	0.675	0.595
T /K	379.30	386.00	405.60	425.40	445.65	459.95			
η /(mPa s)	0.554	0.479	0.408	0.317	0.269	0.241			
$w_2 = 0.84$									96B6
T /K	295.25	308.40	323.40	338.20	353.15	368.10	378.35	383.15	396.55
η /(mPa s)	2.381	1.726	1.276	0.986	0.792	0.660	0.581	0.549	0.460
T /K	408.55	420.75	436.25	449.45					
η /(mPa s)	0.412	0.366	0.309	0.277					
$w_2 = 0.92$									96B6

T/K	295.35	313.48	328.40	343.30	358.25	373.35	379.35	391.85	401.95
$\eta /(\text{mPa s})$	1.991	1.356	1.042	0.833	0.686	0.570	0.518	0.458	0.412
T/K	411.45	420.65	431.05	439.70	452.95				
$\eta /(\text{mPa s})$	0.376	0.345	0.317	0.298	0.267				
$w_2 = 1.00$									96B6
T/K	296.20	313.40	328.30	343.40	358.15	373.35	377.25	388.30	402.83
$\eta /(\text{mPa s})$	1.136	0.887	0.744	0.634	0.549	0.482	0.457	0.425	0.370
T/K	416.40	431.39	445.46	452.45					
$\eta /(\text{mPa s})$	0.326	0.289	0.252	0.239					
$T/^\circ\text{C} = 25.0$									90M1
w_2	0.000	0.095	0.179	0.238	0.295	0.385	0.455	0.511	0.566
$\eta /(\text{mPa s})$	0.89	1.07	1.24	1.36	1.45	1.60	1.80	1.90	2.05
w_2	0.635	0.723	0.776	0.839	0.912	1.000			
$\eta /(\text{mPa s})$	2.18	2.34	2.40	2.36	2.06	1.13			
$T/K = 283.15$									89M3
x_2	0.0000	0.2036	0.2179	0.4075	0.6061	0.7921	0.9354		
$\eta /(\text{mPa s})$	1.3391	2.7227	2.8594	3.4932	3.5271	2.7814	1.8764		
$T/K = 293.15$									89M3
x_2	0.0000	0.2038	0.4077	0.6054	0.7939	1.0000			
$\eta /(\text{mPa s})$	1.0318	2.0691	2.5724	2.6563	2.0261	1.2582			
$T/K = 303.15$									89M3
x_2	0.0000	0.2018	0.2088	0.3794	0.4068	0.5978	0.7613	1.0000	
$\eta /(\text{mPa s})$	0.8012	1.5990	1.6455	1.9877	2.0103	2.0495	1.8014	1.0705	
$T/^\circ\text{C} = 15.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.75	0.90
$\eta /(\text{mPa s})$	1.360	1.630	1.910	2.160	2.475	2.765	3.020	3.105	2.680
w_2	1.00								
$\eta /(\text{mPa s})$	1.350								
$T/^\circ\text{C} = 20.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.75	0.90
$\eta /(\text{mPa s})$	1.210	1.415	1.635	1.876	2.135	2.396	2.640	2.695	2.310
w_2	1.00								
$\eta /(\text{mPa s})$	1.265								
$T/^\circ\text{C} = 25.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.75	0.90
$\eta /(\text{mPa s})$	1.065	1.250	1.450	1.655	1.870	2.085	2.290	2.365	2.050
w_2	1.00								
$\eta /(\text{mPa s})$	1.155								
$T/^\circ\text{C} = 30.0$									69A1

w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.75	0.90
$\eta /(\text{mPa s})$	0.955	1.110	1.290	1.475	1.660	1.850	2.040	2.095	1.840
w_2	1.00								
$\eta /(\text{mPa s})$	1.065								
$T / ^\circ\text{C} = 35.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.75	0.90
$\eta /(\text{mPa s})$	0.855	1.000	1.150	1.315	1.480	1.650	1.815	1.855	1.655
w_2	1.00								
$\eta /(\text{mPa s})$	0.990								
$T / ^\circ\text{C} = 40.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.75	0.90
$\eta /(\text{mPa s})$	0.750	0.905	1.040	1.180	1.325	1.470	1.620	1.660	1.490
w_2	1.00								
$\eta /(\text{mPa s})$	0.925								
$T / ^\circ\text{C} = 45.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.75	0.90
$\eta /(\text{mPa s})$	0.710	0.820	0.940	1.060	1.185	1.320	1.445	1.485	1.345
w_2	1.00								
$\eta /(\text{mPa s})$	0.865								
$T / ^\circ\text{C} = 50.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.75	0.90
$\eta /(\text{mPa s})$	0.650	0.745	0.855	0.965	1.080	1.190	1.305	1.340	1.225
w_2	1.00								
$\eta /(\text{mPa s})$	0.810								
$T / ^\circ\text{C} = 55.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.75	0.90
$\eta /(\text{mPa s})$	0.600	0.680	0.755	0.880	0.985	1.080	1.195	1.215	1.125
w_2	1.00								
$\eta /(\text{mPa s})$	0.760								
$T / ^\circ\text{C} = 60.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.75	0.90
$\eta /(\text{mPa s})$	0.550	0.625	0.710	0.800	0.900	0.955	1.090	1.105	1.103
w_2	1.00								
$\eta /(\text{mPa s})$	0.700								
$T / ^\circ\text{C} = 65.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.75	1.00	
$\eta /(\text{mPa s})$	0.505	0.575	0.655	0.735	0.820	0.900	1.010	0.675	
$T / ^\circ\text{C} = 75.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.75	1.00	

η /(mPa s)	0.440	0.495	0.560	0.630	0.700	0.765	0.855	0.605	
$T/^\circ\text{C} = 85.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.75	1.00	
η /(mPa s)	0.385	0.435	0.490	0.545	0.605	0.660	0.740	0.545	
$T/^\circ\text{C} = 95.0$									69A1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.75	1.00	
η /(mPa s)	0.340	0.385	0.430	0.475	0.530	0.575	0.640	0.490	
$T/^\circ\text{C} = 20.0$									46G1
w_2	0.0000	0.1600	0.2940	0.4860	0.5240	0.5567	0.5690	0.6093	0.6380
η /(mPa s)	1.006	1.342	1.660	2.126	2.150	2.284	2.315	2.344	2.446
w_2	0.7080	0.7550	0.7800	0.8200	0.9200	0.9940			
η /(mPa s)	2.568	2.658	2.682	2.681	2.541	1.330			
$T/^\circ\text{C} = 30.0$									46G1
w_2	0.0000	0.2940	0.4860	0.5240	0.5567	0.5690	0.6093	0.6380	
η /(mPa s)	0.812	1.262	1.638	1.665	1.711	1.760	1.801	1.909	
w_2	0.7080	0.7550	0.7800	0.8200	0.9200	0.9940			
η /(mPa s)	1.995	2.040	2.073	2.083	2.001	1.139			
$T/^\circ\text{C} = 35.0$									34S2
x_2	0.00	0.20	0.40	0.50	0.55	0.60	0.80	1.00	
η /(mPa s)	0.718	1.303	1.768	1.847	1.848	1.810	1.524	1.012	
$T/^\circ\text{C} = 45.0$									34S2
x_2	0.00	0.20	0.40	0.50	0.55	0.60	0.80	1.00	
η /(mPa s)	0.597	1.095	1.403	1.449	1.450	1.433	1.226	0.853	
$T/^\circ\text{C} = 55.0$									34S2
x_2	0.00	0.20	0.40	0.50	0.55	0.60	0.80	1.00	
η /(mPa s)	0.507	0.900	1.132	1.180	1.182	1.163	1.030	0.746	
$T/^\circ\text{C} = 65.0$									34S2
x_2	0.00	0.20	0.40	0.50	0.55	0.60	0.80	1.00	
η /(mPa s)	0.436	0.760	0.932	0.980	0.982	0.974	0.877	0.660	
$T/^\circ\text{C} = 75.0$									34S2
x_2	0.00	0.20	0.40	0.50	0.55	0.60	0.80	1.00	
η /(mPa s)	0.380	0.648	0.783	0.827	0.828	0.820	0.747	0.582	
$T/^\circ\text{C} = 80.0$									34S2
x_2	0.00	0.20	0.40	0.50	0.55	0.60	0.80	1.00	
η /(mPa s)	0.357	0.595	0.724	0.759	0.760	0.752	0.692	0.540	
$T/^\circ\text{C} = 25.0$									13B1
w_1	0.00	0.25	0.50	0.75	1.00				
η /(mPa s)	1.1481	2.3754	1.8936	1.3591	0.8952				

$T/^\circ\text{C} = 35.0$										13B1
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa s})$	0.9911	1.8495	1.4771	1.0738	0.7220					
$T/^\circ\text{C} = 45.0$										13B1
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa s})$	0.8650	1.4830	1.1879	0.8718	0.6013					
$T/^\circ\text{C} = 55.0$										13B1
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa s})$	0.7604	1.2107	0.9766	0.7262	0.5079					
$T/^\circ\text{C} = 65.0$										13B1
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa s})$	0.6761	1.0111	0.8217	0.6150	0.4369					
$T/^\circ\text{C} = 75.0$										13B1
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa s})$	0.6075	0.8569	0.7008	0.5297	0.3807					
$T/^\circ\text{C} = 85.0$										13B1
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa s})$	0.5464	0.7418	0.6031	0.4617	0.3357					
$T/^\circ\text{C} = 95.0$										13B1
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa s})$	0.4895	0.6423	0.5302	0.4057	0.2997					
$T/^\circ\text{C} = 20.0$										08T1
w_2	0.000	0.223	0.407	0.504	0.622	0.712	0.779	0.856	1.000	
$\eta/(\text{mPa s})$	1.002	1.502	1.930	2.188	2.404	2.617	2.716	2.344	1.286	
$T/\text{K} = 288.15$										98G1
x_2	0.018	0.035	0.051	0.082	0.152	0.265	0.474	0.618		
$\nu/(\text{mm}^2/\text{s})$	1.276	1.333	1.490	1.676	2.021	2.467	2.889	2.875		
$T/\text{K} = 298.15$										98G1
x_2	0.018	0.035	0.051	0.082	0.152	0.265	0.474	0.618		
$\nu/(\text{mm}^2/\text{s})$	0.985	1.065	1.144	1.273	1.525	1.845	2.158	2.166		
$T/\text{K} = 308.15$										98G1
x_2	0.018	0.035	0.051	0.082	0.152	0.265	0.474	0.618		
$\nu/(\text{mm}^2/\text{s})$	0.786	0.846	0.906	1.004	1.215	1.466	1.717	1.731		
$T/\text{K} = 318.15$										98G1
x_2	0.018	0.035	0.051	0.082	0.152	0.265	0.474	0.618		
$\nu/(\text{mm}^2/\text{s})$	0.654	0.701	0.747	0.821	0.977	1.176	1.376	1.390		
$T/\text{K} = 328.15$										98G1
x_2	0.018	0.035	0.051	0.082	0.152	0.265	0.474	0.618		

ν /(mm ² /s)	0.558	0.596	0.636	0.704	0.823	0.922	1.156	1.179	
160	H₂O (1)	C₂H₅NO (2)	water	acetamide					7732-18-5 60-35-5
$T/^\circ\text{C} = 25.0$									85W3
w_2	0.05	0.15	0.30	0.50					
η /(mPa s)	0.978	1.186	1.614	2.606					
$T/^\circ\text{C} = 40.0$									85W3
w_2	0.05	0.15	0.30	0.50					
η /(mPa s)	0.710	0.848	1.122	1.694					
$T/^\circ\text{C} = 60.0$									85W3
w_2	0.05	0.15	0.30	0.50	0.70				
η /(mPa s)	0.503	0.589	0.757	1.094	1.711				
$T/^\circ\text{C} = 75.0$									85W3
w_2	0.05	0.15	0.30	0.50	0.70				
η /(mPa s)	0.404	0.461	0.579	0.831	1.241				
$T/^\circ\text{C} = 85.0$									85W3
w_2	0.05	0.15	0.30	0.50	0.70	0.85	0.95	1.00	
η /(mPa s)	0.354	0.399	0.500	0.703	1.008	1.384	1.745	2.041	
$T/^\circ\text{C} = 25.0$									82T1
x_2	0.0062	0.0158	0.0258	0.0328	0.0510	0.0791	0.1155	0.1688	0.2336
η /(mPa s)	0.924	0.978	1.035	1.076	1.186	1.365	1.614	2.028	2.606
$T/^\circ\text{C} = 40.0$									82T1
x_2	0.0062	0.0158	0.0258	0.0328	0.0510	0.0791	0.1155	0.1688	0.2336
η /(mPa s)	0.675	0.710	0.745	0.773	0.848	0.957	1.122	1.386	1.694
x_2	0.3173	0.4155							
η /(mPa s)	2.248	2.887							
$T/^\circ\text{C} = 60.0$									82T1
x_2	0.0062	0.0158	0.0258	0.0328	0.0510	0.0791	0.1155	0.1688	0.2336
η /(mPa s)	0.481	0.503	0.527	0.543	0.589	0.662	0.757	0.899	1.094
x_2	0.3173	0.4155	0.5493						
η /(mPa s)	1.328	1.711	2.221						
$T/^\circ\text{C} = 75.0$									82T1
x_2	0.0062	0.0158	0.0258	0.0328	0.0510	0.0791	0.1155	0.1688	0.2336
η /(mPa s)	0.388	0.404	0.419	0.430	0.461	0.511	0.579	0.685	0.831
x_2	0.3173	0.4155	0.5493	0.6333					
η /(mPa s)	0.968	1.241	1.514	1.683					
$T/^\circ\text{C} = 85.0$									82T1

x_2	0.0062	0.0158	0.0258	0.0328	0.0510	0.0791	0.1155	0.1688	0.2336
$\eta /(\text{mPa s})$	0.342	0.354	0.366	0.374	0.399	0.441	0.500	0.587	0.703
x_2	0.3173	0.4155	0.5493	0.6333	0.8527	1.0000			
$\eta /(\text{mPa s})$	0.812	1.008	1.242	1.384	1.745	2.041			
$T / ^\circ\text{C} = 20.0$									63C1
w_2	0.005862	0.014179	0.08422	0.18903	0.60829				
$\eta /(\text{mPa s})$	1.0119	1.0284	1.1828	1.4686	4.1744				
$T / ^\circ\text{C} = 25.0$									63C1
w_2	0.005862	0.014179	0.08422	0.09835	0.18903	0.20108	0.30474	0.39557	
$\eta /(\text{mPa s})$	0.8986	0.9130	1.0456	1.0775	1.2907	1.3244	1.6535	2.0370	
w_2	0.49074	0.60230	0.60829						
$\eta /(\text{mPa s})$	2.5707	3.457	3.514						
$T / ^\circ\text{C} = 25.0$									55T2
x_2	0.0000	0.0999	0.2036	0.3012	0.4021	0.4828	0.6080	1.0000	
$\eta /(\text{mPa s})$	0.895	1.537	2.390	3.349	4.447	5.659	7.730	27.2	
$T / ^\circ\text{C} = 40.0$									55T2
x_2	0.0000	0.0999	0.2036	0.3012	0.4021	0.4828	0.6080	1.0000	
$\eta /(\text{mPa s})$	0.654	1.070	1.601	2.157	2.766	3.399	4.483	12.7	
161	H₂O (1)		water						7732-18-5
	C₂H₅NO (2)		N-methyl-formamide						123-39-7
$T / \text{K} = 298.15$									97G1
x_2	0.00000	0.05798	0.13775	0.18146	0.21089	0.28116	0.32074	0.42956	0.5033
$\eta /(\text{mPa s})$	0.890	1.19	1.53	1.68	1.77	1.93	2.00	2.07	2.03
x_2	0.60698	0.64367	0.69502	0.75578	0.81061	0.87278	1.0000		
$\eta /(\text{mPa s})$	1.98	1.94	1.91	1.87	1.84	1.81	1.76		
$T / \text{K} = 291.15$									76K1
x_2	0.0000	0.0328	0.1158	0.2341	0.4163	0.7334	1.0000		
$\eta /(\text{mPa s})$	1.0500	1.3211	1.6459	1.9500	2.1600	2.0400	2.0200		
$T / \text{K} = 298.15$									76K1
x_2	0.0000	0.0328	0.1158	0.2341	0.4163	0.7334	1.0000		
$\eta /(\text{mPa s})$	0.8938	1.0504	1.3051	1.5731	1.7881	1.6583	1.6500		
$T / \text{K} = 303.15$									76K1
x_2	0.0000	0.0328	0.1158	0.2341	0.4163	0.7334	1.0000		
$\eta /(\text{mPa s})$	0.8009	0.9456	1.1756	1.4250	1.6250	1.5000	1.4750		
162	H₂O (1)		water						7732-18-5
	C₂H₆O (2)		ethanol						64-17-5

$T/^\circ\text{C} = 25.0$									95H3
x_2	0.02479	0.04961	0.07437	0.11517	0.14973	0.24876	0.30037	0.35329	
$\eta/(\text{mPa s})$	1.128	1.390	1.636	2.014	2.216	2.377	2.334	2.252	
x_2	0.44987	0.50660	0.54460	0.64324	0.68762	0.74571	0.84190	0.99186	
$\eta/(\text{mPa s})$	2.059	1.939	1.861	1.669	1.589	1.490	1.343	1.102	
$T/^\circ\text{C} = 25.0$									90A4
x_1	0.0000	0.1305	0.2213	0.3901	0.5229	0.6303	0.7189	0.7932	0.8565
$\eta/(\text{mPa s})$	1.0812	1.2136	1.3732	1.6740	1.9713	2.2681	2.5039	2.5030	2.2523
x_1	0.9109	0.9584	1.0000						
$\eta/(\text{mPa s})$	1.8571	1.3352	0.8953						
$T/^\circ\text{C} = 25.0$									90M1
w_2	0.000	0.073	0.136	0.191	0.240	0.320	0.385	0.440	0.495
$\eta/(\text{mPa s})$	0.89	1.16	1.43	1.71	1.93	2.16	2.30	2.37	2.41
w_2	0.567	0.663	0.724	0.797	0.887	1.000			
$\eta/(\text{mPa s})$	2.47	2.25	1.90	1.66	1.34	1.09			
$T/^\circ\text{C} = 20.0$									88N4
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.60
$\eta/(\text{mPa s})$	1.002	1.636	2.270	2.671	2.856	2.859	2.784	2.538	2.020
x_2	0.80	0.90	0.95	1.00					
$\eta/(\text{mPa s})$	1.588	1.400	1.295	1.200					
$T/^\circ\text{C} = 25.0$									88N4
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.60
$\eta/(\text{mPa s})$	0.8903	1.388	1.881	2.217	2.348	2.369	2.339	2.160	1.753
x_2	0.80	0.90	0.95	1.00					
$\eta/(\text{mPa s})$	1.401	1.243	1.171	1.087					
$T/^\circ\text{C} = 30.0$									88N4
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.60
$\eta/(\text{mPa s})$	0.7975	1.221	1.622	1.853	1.979	2.009	1.983	1.851	1.544
x_2	0.80	0.90	0.95	1.00					
$\eta/(\text{mPa s})$	1.271	1.124	1.055	0.999					
$T/\text{K} = 298.15$									87T1
x_2	0.00	0.20	0.30	0.40	0.60	0.78	1.00		
$\eta/(\text{mPa s})$	0.891	2.334	2.313	2.147	1.739	1.423	1.087		
$T/\text{K} = 323.15$									87T1
x_2	0.00	0.20	0.30	0.40	0.60	0.80	1.00		
$\eta/(\text{mPa s})$	0.547	1.080	1.108	1.072	0.941	0.810	0.669		
A table is given in the original source 87T1 for pressures up to 69 MPa.									87T1

$T/^\circ\text{C} = 20.0$							87M2		
x_2	0.000	0.033	0.071	0.116	0.170	0.235			
$\eta/(\text{mPa s})$	1.002	1.518	1.724	2.131	2.742	2.998			
$T/^\circ\text{C} = 30.0$							87M2		
x_2	0.000	0.033	0.071	0.116	0.170	0.235			
$\eta/(\text{mPa s})$	0.798	1.194	1.343	1.609	1.974	2.100			
$T/^\circ\text{C} = 40.0$							87M2		
x_2	0.000	0.033	0.071	0.116	0.170	0.235			
$\eta/(\text{mPa s})$	0.653	0.946	1.043	1.193	1.393	1.495			
$T/^\circ\text{C} = 50.0$							87M2		
x_2	0.000	0.033	0.071	0.116	0.170	0.235			
$\eta/(\text{mPa s})$	0.547	0.769	0.808	0.937	1.066	1.134			
A table is given in the original source 77T1 for different pressures.							77T1		
$T/^\circ\text{C} = 20.0$							75W1		
w_2	0.00	0.40	0.50	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	1.002	2.844	2.810	2.616	1.982	1.198			
$T/^\circ\text{C} = 50.0$							75W1		
w_2	0.00	0.40	0.50	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.547	1.113	1.137	1.113	0.9548	0.6973			
$T/^\circ\text{C} = 80.0$							75W1		
w_2	0.00	0.40	0.50	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.355	0.593	0.607	0.600	0.539	0.4320			
$T/^\circ\text{C} = 100.0$							75W1		
w_2	0.00	0.40	0.50	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.282	0.431	0.439	0.434	0.392	0.325			
A table is given in the original source 75W1 for pressures up to 50 MPa.							75W1		
$T/^\circ\text{C} = 50.0$							71A1		
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
$\eta/(\text{mPa s})$	0.7340	0.9070	1.050	1.130	1.155	1.131	1.053	0.9620	0.8420
A table is given in Ref. 71A1 for 50, 100 and 200 $^\circ\text{C}$ and pressures up to 1200 kg/cm^2 .							71A1		
$T/^\circ\text{C} = 20.0$							70K1		
x_2	0.000	0.089	0.176	0.218	0.276	0.365	0.610	1.000	
$\eta/(\text{mPa s})$	1.002	2.210	2.820	2.871	2.810	2.640	2.020	1.203	
$T/^\circ\text{C} = 40.0$							70K1		
x_2	0.000	0.089	0.176	0.218	0.276	0.365	0.610	1.000	
$\eta/(\text{mPa s})$	0.656	1.175	1.446	1.498	1.508	1.468	1.219	0.833	
$T/^\circ\text{C} = 60.0$							70K1		

x_2	0.000	0.089	0.176	0.218	0.276	0.365	0.610	1.000	
$\eta /(\text{mPa s})$	0.469	0.725	0.860	0.883	0.910	0.908	0.790	0.592	
$T / ^\circ\text{C} = 0.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
$\eta /(\text{mPa s})$	1.792	3.311	5.319	6.94	7.25	7.14	6.94	6.58	5.75
w_2	0.70	0.80	0.90	1.00					
$\eta /(\text{mPa s})$	4.762	3.690	2.732	1.773					
$T / ^\circ\text{C} = 5.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
$\eta /(\text{mPa s})$	1.519	2.577	4.065	5.29	5.62	5.59	5.50	5.26	4.63
w_2	0.70	0.80	0.90	1.00					
$\eta /(\text{mPa s})$	3.906	3.125	2.309	1.623					
$T / ^\circ\text{C} = 10.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
$\eta /(\text{mPa s})$	1.308	2.179	3.165	4.05	4.39	4.39	4.35	4.18	3.77
w_2	0.70	0.80	0.90	1.00					
$\eta /(\text{mPa s})$	3.268	2.170	2.101	1.466					
$T / ^\circ\text{C} = 15.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
$\eta /(\text{mPa s})$	1.140	1.792	2.618	3.26	3.52	3.53	3.51	3.44	3.14
w_2	0.70	0.80	0.90	1.00					
$\eta /(\text{mPa s})$	2.770	2.309	1.802	1.332					
$T / ^\circ\text{C} = 20.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
$\eta /(\text{mPa s})$	1.005	1.538	2.183	2.71	2.88	2.91	2.88	2.87	2.67
w_2	0.70	0.80	0.90	1.00					
$\eta /(\text{mPa s})$	2.370	2.008	1.610	1.200					
$T / ^\circ\text{C} = 25.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
$\eta /(\text{mPa s})$	0.894	1.323	1.815	2.18	2.35	2.35	2.39	2.40	2.24
w_2	0.70	0.80	0.90	1.00					
$\eta /(\text{mPa s})$	2.037	1.748	1.424	1.096					
$T / ^\circ\text{C} = 30.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
$\eta /(\text{mPa s})$	0.801	1.160	1.553	1.87	2.00	2.02	2.02	2.02	1.93
w_2	0.70	0.80	0.90	1.00					
$\eta /(\text{mPa s})$	1.767	1.531	1.279	1.003					
$T / ^\circ\text{C} = 35.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
$\eta /(\text{mPa s})$	0.722	1.006	1.332	1.58	1.71	1.72	1.73	1.72	1.66

w_2	0.70	0.80	0.90	1.00					
η /(mPa s)	1.529	1.355	1.147	0.914					
$T/^\circ\text{C} = 40.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
η /(mPa s)	0.656	0.907	1.160	1.368	1.473	1.482	1.495	1.499	1.447
w_2	0.70	0.80	0.90	1.00					
η /(mPa s)	1.344	1.203	1.035	0.834					
$T/^\circ\text{C} = 45.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
η /(mPa s)	0.599	0.812	1.015	1.189	1.284	1.289	1.307	1.294	1.271
w_2	0.70	0.80	0.90	1.00					
η /(mPa s)	1.189	1.081	0.939	0.764					
$T/^\circ\text{C} = 50.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
η /(mPa s)	0.549	0.734	0.907	1.050	1.124	1.132	1.148	1.155	1.127
w_2	0.70	0.80	0.90	1.00					
η /(mPa s)	1.062	0.968	0.848	0.702					
$T/^\circ\text{C} = 55.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
η /(mPa s)	0.507	0.663	0.814	0.929	0.993	0.998	1.016	1.020	0.997
w_2	0.70	0.80	0.90	1.00					
η /(mPa s)	0.943	0.867	0.764	0.644					
$T/^\circ\text{C} = 60.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
η /(mPa s)	0.469	0.609	0.736	0.834	0.885	0.893	0.907	0.913	0.902
w_2	0.70	0.80	0.90	1.00					
η /(mPa s)	0.856	0.789	0.704	0.592					
$T/^\circ\text{C} = 65.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
η /(mPa s)	0.436	0.554	0.666	0.752	0.798	0.802	0.816	0.818	0.806
w_2	0.70	0.80	0.90	1.00					
η /(mPa s)	0.766	0.711	0.641	0.551					
$T/^\circ\text{C} = 70.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
η /(mPa s)	0.406	0.514	0.608	0.683	0.725	0.727	0.740	0.740	0.729
w_2	0.70	0.80	0.90	1.00					
η /(mPa s)	0.695	0.650	0.589	0.504					
$T/^\circ\text{C} = 75.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60

η /(mPa s)	0.380	0.476	0.559	0.624	0.660	0.663	0.672	0.672	0.663
w_2	0.70	0.80	0.90	1.00					
η /(mPa s)	0.636	0.600	0.536	0.471					
$T/^\circ\text{C} = 80.0$									17B1
w_2	0.00	0.10	0.20	0.30	0.39	0.40	0.45	0.50	0.60
η /(mPa s)	0.356	0.430	0.505	0.567	0.598	0.601	0.609	0.612	0.604
$T/^\circ\text{C} = 25.01$									13B1
w_2	0.0000	0.1383	0.2671	0.4470	0.5208	0.6302	0.7190	0.8559	1.0000
η /(mPa s)	0.8950	1.5038	2.0864	2.2763	2.3474	2.1810	1.9826	1.5711	1.0995
$T/^\circ\text{C} = 30.02$									13B1
w_2	0.0000	0.1383	0.2671	0.5208	0.6302	0.7190	0.8559	1.0000	
η /(mPa s)	0.8002	1.2978	1.7599	1.9920	1.8748	1.7056	1.3922	1.0020	
$T/^\circ\text{C} = 35.02$									13B1
w_2	0.0000	0.1383	0.2671	0.4470	0.5208	0.6302	0.7190	0.8559	1.0000
η /(mPa s)	0.7232	1.1360	1.5031	1.7259	1.7076	1.6375	1.4919	1.2428	0.9135
$T/^\circ\text{C} = 40.02$									13B1
w_2	0.0000	0.1383	0.2671	0.5208	0.6302	0.7190	0.8559	1.0000	
η /(mPa s)	0.6566	1.0008	1.3002	1.4830	1.4229	1.3137	1.1088	0.8357	
$T/^\circ\text{C} = 45.02$									13B1
w_2	0.0000	0.1383	0.2671	0.4470	0.5208	0.6302	0.7190	0.8559	1.0000
η /(mPa s)	0.5999	0.8894	1.1368	1.3056	1.2970	1.2541	1.1640	1.0004	0.7660
$T/^\circ\text{C} = 50.02$									13B1
w_2	0.0000	0.1383	0.2671	0.4470	0.5208	0.6302	0.7190	0.8559	1.0000
η /(mPa s)	0.5504	0.7988	1.0018	1.1436	1.1410	1.1040	1.0400	0.9013	0.7016
$T/^\circ\text{C} = 55.01$									13B1
w_2	0.0000	0.1383	0.2671	0.4470	0.5208	0.6302	0.7190	0.8559	1.0000
η /(mPa s)	0.5081	0.7227	0.8973	1.0142	1.0139	0.9850	0.9299	0.8160	0.6452
$T/^\circ\text{C} = 60.00$									13B1
w_2	0.0000	0.1383	0.2671	0.4470	0.5208	0.6302	0.7190	0.8559	1.0000
η /(mPa s)	0.4735	0.6577	0.8069	0.9050	0.9070	0.8853	0.8358	0.7415	0.5963
$T/^\circ\text{C} = 64.98$									13B1
w_2	0.0000	0.1383	0.2671	0.4470	0.5208	0.6302	0.7190	0.8559	1.0000
η /(mPa s)	0.4369	0.5984	0.7278	0.8149	0.8154	0.7984	0.7580	0.6745	0.5510
$T/^\circ\text{C} = 69.96$									13B1
w_2	0.0000	0.1383	0.2671	0.4470	0.5208	0.6302	0.7190	0.8559	1.0000
η /(mPa s)	0.4073	0.5507	0.6604	0.7370	0.7370	0.7215	0.6889	0.6173	0.5107
$T/^\circ\text{C} = 74.96$									13B1
w_2	0.0000	0.1383	0.2671	0.4470	0.5208	0.6302	0.7190	0.8559	1.0000
η /(mPa s)	0.3804	0.5076	0.6057	0.6714	0.6698	0.6579	0.6274	0.5701	0.4704

$T/^\circ\text{C} = 79.96$										13B1
w_2	0.0000	0.2671	0.5208	0.6302						
$\eta/(\text{mPa s})$	0.3568	0.5485	0.6109	0.5977						
$T/^\circ\text{C} = 20.0$										08D1
w_2	0.0000	0.2071	0.3965	0.4557	0.6185	0.7809	0.9920			
$\eta/(\text{mPa s})$	1.002	2.162	2.789	2.797	2.510	2.004	1.241			
$T/^\circ\text{C} = 25.0$										08D1
w_2	0.0000	0.2071	0.3965	0.4557	0.6185	0.7809	0.9920			
$\eta/(\text{mPa s})$	0.891	1.829	2.343	2.351	2.173	1.804	1.115			
$T/^\circ\text{C} = 30.0$										08D1
w_2	0.0000	0.2071	0.3965	0.4557	0.6185	0.7809	0.9920			
$\eta/(\text{mPa s})$	0.798	1.505	1.936	1.987	1.834	1.530	0.991			
$T/^\circ\text{C} = 25.0$										90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\nu/(\text{mm}^2/\text{s})$	0.8950	1.9974	2.5269	2.6280	2.5368	2.3067	2.1170	1.9352	1.7519	
x_2	0.90	1.00								
$\nu/(\text{mm}^2/\text{s})$	1.4940	1.4023								
$T/^\circ\text{C} = 10.0$										82D1
x_2	0.0000	0.0069	0.0131	0.0185	0.0265	0.0329	0.0704	0.1115	0.1633	
$\nu/(\text{mm}^2/\text{s})$	1.290	1.401	1.520	1.647	1.772	1.916	2.775	3.689	4.318	
x_2	0.2431	0.3236	0.4260	0.5600	0.7387	0.8278	0.9037	1.0000		
$\nu/(\text{mm}^2/\text{s})$	4.502	4.262	3.830	3.274	2.634	2.339	2.113	1.819		
$T/^\circ\text{C} = 20.0$										82D1
x_2	0.0000	0.0069	0.0140	0.0185	0.0265	0.0335	0.0712	0.1164	0.1683	
$\nu/(\text{mm}^2/\text{s})$	1.005	1.080	1.171	1.242	1.331	1.434	1.975	2.523	2.899	
x_2	0.1887	0.2364	0.3273	0.4386	0.5600	0.7324	0.8282	0.9083	1.0000	
$\nu/(\text{mm}^2/\text{s})$	2.994	3.068	3.066	2.807	2.481	2.101	1.901	1.718	1.527	
$T/^\circ\text{C} = 30.0$										82D1
x_2	0.0000	0.0069	0.0131	0.0185	0.0265	0.0329	0.0704	0.1115	0.1633	
$\nu/(\text{mm}^2/\text{s})$	0.804	0.864	0.914	0.969	1.023	1.086	1.428	1.765	2.036	
x_2	0.2431	0.3236	0.4260	0.5600	0.7387	0.8278	0.9037	1.0000		
$\nu/(\text{mm}^2/\text{s})$	2.192	2.202	2.085	1.905	1.671	1.524	1.425	1.280		
$T/^\circ\text{C} = 40.0$										82D1
x_2	0.0000	0.0160	0.0331	0.0704	0.1131	0.1645	0.2461	0.3255	0.4266	
$\nu/(\text{mm}^2/\text{s})$	0.662	0.755	0.863	1.099	1.324	1.505	1.638	1.663	1.616	
x_2	0.5608	0.7414	0.8282	0.9083	1.0000					
$\nu/(\text{mm}^2/\text{s})$	1.503	1.329	1.247	1.173	1.079					
$T/^\circ\text{C} = 50.0$										82D1

x_2	0.0000	0.0160	0.0331	0.0704	0.1131	0.1645	0.2461	0.3255	0.4266
$\nu /(\text{mm}^2/\text{s})$	0.558	0.627	0.706	0.871	1.030	1.162	1.268	1.296	1.278
x_2	0.5608	0.7414	0.8282	0.9083	1.0000				
$\nu /(\text{mm}^2/\text{s})$	1.212	1.093	1.037	0.985	0.920				

163	H₂O (1)	C₂H₆OS (2)	water dimethyl sulfoxide					7732-18-5 67-68-5		
$T/\text{K} = 298.15$										97S1
x_1	0.0500	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000	
$\eta^E/(\text{mPa s})$	0.1232	0.2475	0.5420	0.9424	1.382	1.899	2.359	2.451	1.871	
x_1	0.9000	0.9500								
$\eta^E/(\text{mPa s})$	0.8533	0.3996								
$T/\text{K} = 298.15$										95A5
x_1	0.0000	0.0958	0.2097	0.3132	0.4090	0.5030	0.6065	0.7032	0.8053	
$\eta /(\text{mPa s})$	1.948	2.078	2.291	2.568	2.909	3.197	3.606	3.569	2.858	
x_1	0.9021	1.0000								
$\eta /(\text{mPa s})$	1.787	0.891								
$T/^\circ\text{C} = 25.0$										92G1
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta /(\text{mPa s})$	0.890	2.953	3.586	2.921	2.302	1.990				
$T/^\circ\text{C} = 30.0$										91S1
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta /(\text{mPa s})$	0.800	1.173	1.806	2.808	2.765	1.663				
$T/^\circ\text{C} = 25.0$										90M1
w_2	0.000	0.099	0.180	0.248	0.305	0.400	0.467	0.523	0.578	
$\eta /(\text{mPa s})$	0.89	1.08	1.30	1.53	1.78	2.31	2.64	3.04	3.32	
w_2	0.646	0.732	0.785	0.845	0.916	1.000				
$\eta /(\text{mPa s})$	3.62	3.77	3.56	3.17	2.61	1.96				
$T/\text{K} = 293.15$										82R3
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	
$\eta /(\text{mPa s})$	1.00	1.11	1.23	1.38	1.55	1.74	1.97	2.23	2.54	
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	
$\eta /(\text{mPa s})$	2.90	3.28	3.68	4.02	4.26	4.40	4.29	3.97	3.54	
x_2	0.90	0.95	1.00							
$\eta /(\text{mPa s})$	3.08	2.62	2.23							
$T/\text{K} = 313.15$										82R3
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	
$\eta /(\text{mPa s})$	0.66	0.72	0.79	0.87	0.96	1.07	1.19	1.33	1.50	

x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	1.69	1.89	2.08	2.24	2.39	2.50	2.48	2.34	2.16
x_2	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	1.95	1.73	1.53						
$T/\text{K} = 333.15$									82R3
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	0.47	0.51	0.55	0.60	0.66	0.72	0.80	0.88	0.98
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	1.09	1.20	1.31	1.40	1.49	1.57	1.58	1.52	1.44
x_2	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	1.35	1.22	1.12						
$T/\text{K} = 348.15$									82R3
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	0.38	0.41	0.44	0.48	0.52	0.57	0.62	0.68	0.75
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	0.83	0.91	0.98	1.05	1.11	1.17	1.19	1.16	1.12
x_2	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	1.06	0.98	0.92						
$T/\text{K} = 363.15$									82R3
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	0.32	0.34	0.36	0.39	0.42	0.46	0.50	0.54	0.59
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	0.65	0.70	0.75	0.80	0.85	0.90	0.92	0.91	0.89
x_2	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	0.85	0.80	0.77						
$T/^\circ\text{C} = 25.0$									76S1
w_2	0.0000	0.0943	0.4039	0.5674	0.6464	0.9370	1.0000		
$\eta /(\text{mPa s})$	0.8903	1.045	2.250	3.240	3.620	2.415	1.992		
$T/^\circ\text{C} = 20.0$									74L1
x_2	0.0000	0.0275	0.0594	0.0965	0.1408	0.2628	0.3526	0.4782	1.0000
$\eta /(\text{mPa s})$	1.0050	1.2907	1.6303	2.0928	2.6734	4.1166	4.3892	3.9017	2.2255
$T/^\circ\text{C} = 30.0$									74L1
x_2	0.0000	0.0275	0.0594	0.0965	0.1408	0.2628	0.3526	0.4782	1.0000
$\eta /(\text{mPa s})$	0.8178	1.0194	1.2689	1.5976	2.0035	3.0141	3.2413	2.9239	1.8180
$T/^\circ\text{C} = 40.0$									74L1
x_2	0.0000	0.0275	0.0594	0.0965	0.1408	0.2628	0.3526	0.4782	1.0000
$\eta /(\text{mPa s})$	0.6852	0.8362	1.0277	1.2401	1.5578	2.2831	2.4560	2.3344	1.5553
$T/^\circ\text{C} = 50.0$									74L1
x_2	0.0000	0.0275	0.0594	0.0965	0.1408	0.2628	0.3526	0.4782	1.0000

η /(mPa s)	0.5829	0.7037	0.8485	1.0380	1.2616	1.8038	1.8835	1.9335	1.3110
T /°C = -55.0									71S2
x_2	0.25	0.30	0.33	0.35	0.40				
η /(mPa s)	341.3	339.4	339.6	336.8	283.1				
T /°C = -50.0									71S2
x_2	0.25	0.30	0.33	0.35	0.40				
η /(mPa s)	213.7	214.7	214.7	212.6	181.1				
T /°C = -45.0									71S2
x_2	0.20	0.25	0.30	0.33	0.35	0.40			
η /(mPa s)	118.9	138.0	139.9	140.2	139.3	123.8			
T /°C = -30.0									71S2
x_2	0.20	0.25	0.30	0.33	0.35	0.40	0.50		
η /(mPa s)	36.15	42.60	43.81	43.47	43.00	40.00	29.37		
T /°C = -15.0									71S2
x_2	0.10	0.20	0.25	0.30	0.33	0.35	0.40	0.50	
η /(mPa s)	8.12	14.79	17.13	18.25	18.25	18.17	17.20	13.58	
T /°C = -10.0									71S2
x_2	0.10	0.20	0.25	0.30	0.33	0.35	0.40	0.50	0.60
η /(mPa s)	6.41	11.43	13.24	14.20	14.27	14.23	13.43	10.91	9.15
T /°C = 0.0									71S2
x_2	0.10	0.20	0.25	0.30	0.33	0.35	0.40	0.50	0.60
η /(mPa s)	4.205	7.27	8.46	9.07	9.16	9.17	8.71	7.37	6.25
T /°C = 10.0									71S2
x_2	0.10	0.20	0.25	0.30	0.33	0.40	0.50	0.60	0.80
η /(mPa s)	2.941	4.899	5.72	6.09	6.17	5.94	5.19	5.30	3.362
T /°C = 15.0									71S2
x_2	0.10	0.20	0.25	0.30	0.33	0.40	0.50	0.60	0.80
η /(mPa s)	2.496	4.097	4.719	5.10	5.18	5.02	4.445	3.904	2.964
T /°C = 20.0									71S2
x_2	0.10	0.20	0.25	0.30	0.33	0.40	0.50	0.60	0.80
η /(mPa s)	2.152	3.455	4.00	4.310	4.383	4.267	3.838	3.398	2.627
T /°C = 25.0									67M2
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.894	1.100	1.382	1.748	2.232	2.854	3.467	3.764	3.450
x_2	0.90	1.00							
η /(mPa s)	2.700	2.003							
T /°C = 25.0									66F1

x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	0.903	3.156	3.799	3.008	2.375	2.038			
$T / ^\circ\text{C} = 25.0$									62L1
w_1	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	1.99	2.32	2.70	3.11	3.45	3.68	3.73	3.64	3.42
w_1	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	3.16	2.83	2.51	2.22	1.93	1.69	1.50	1.34	1.18
w_1	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	1.06	0.96	0.89						
$T / ^\circ\text{C} = 25.0$									61C1
x_1	0.000	0.047	0.089	0.186	0.335	0.522	0.590	0.651	0.702
$\eta /(\text{mPa s})$	2.003	2.054	2.118	2.298	2.708	3.449	3.676	3.764	3.674
x_1	0.743	0.812	0.867	0.910	0.945	0.975	1.000		
$\eta /(\text{mPa s})$	3.467	2.854	2.232	1.748	1.382	1.110	0.898		
$T / ^\circ\text{C} = 45.0$									61C1
x_1	0.000	0.047	0.089	0.186	0.335	0.522	0.590	0.651	0.702
$\eta /(\text{mPa s})$	1.394	1.423	1.457	1.553	1.758	2.083	2.164	2.172	2.102
x_1	0.743	0.812	0.867	0.910	0.945	0.975	1.000		
$\eta /(\text{mPa s})$	1.985	1.672	1.346	1.086	0.880	0.724	0.599		
$T / ^\circ\text{C} = 65.0$									61C1
x_1	0.000	0.047	0.089	0.186	0.335	0.522	0.590	0.651	0.702
$\eta /(\text{mPa s})$	1.038	1.055	1.073	1.126	1.233	1.378	1.402	1.389	1.340
x_1	0.743	0.812	0.867	0.910	0.945	0.975	1.000		
$\eta /(\text{mPa s})$	1.273	1.088	0.897	0.743	0.615	0.516	0.435		
164	H₂O (1)		water						7732-18-5
	C₂H₆O₂ (2)		ethane-1,2-diol						107-21-1
$T / \text{K} = 283.15$									98T1
x_2	0.0000	0.0312	0.0487	0.0677	0.1000	0.1622	0.2000	0.2250	0.3003
$\eta /(\text{mPa s})$	1.2982	1.6961	1.9711	2.2643	2.8498	3.9470	4.7651	5.3013	7.1250
x_2	0.4038	0.5373	0.7232	1.0000					
$\eta /(\text{mPa s})$	9.8892	14.1111	20.3512	30.5126					
$T / \text{K} = 293.15$									98T1
x_2	0.0000	0.0312	0.0487	0.0677	0.1000	0.1622	0.2000	0.2250	0.3003
$\eta /(\text{mPa s})$	1.0021	1.2789	1.4602	1.6465	1.9903	2.7938	3.3431	3.7110	4.9174
x_2	0.4038	0.5373	0.7232	1.0000					
$\eta /(\text{mPa s})$	6.8247	9.6558	13.7082	20.8064					
$T / \text{K} = 303.15$									98T1
x_2	0.0000	0.0312	0.0487	0.0677	0.1000	0.1622	0.2000	0.2250	0.3003

η /(mPa s)	0.8075	1.0185	1.1813	1.3166	1.5773	2.1312	2.4957	2.7642	3.5947
x_2	0.4038	0.5373	0.7232	1.0000					
η /(mPa s)	4.8655	6.6711	9.4058	13.8678					
T /K = 313.15									98T1
x_2	0.0000	0.0312	0.0487	0.0677	0.1000	0.1622	0.2000	0.2250	0.3003
η /(mPa s)	0.6660	0.8238	0.9179	1.0342	1.2440	1.6344	2.0742	2.1155	2.7887
x_2	0.4038	0.5373	0.7232	1.0000					
η /(mPa s)	3.6131	4.9055	6.7370	9.5348					
T /K = 303.15									97P2
x_2	0.0003	0.0009	0.0059	0.0100	0.0136	0.0616	0.1054	0.1634	0.1935
η /(mPa s)	0.778	0.781	0.808	0.834	0.856	1.180	1.529	2.030	2.348
x_2	0.2969	0.3955	0.4982	0.5873	0.6734	0.7944	0.8719	0.9410	0.9866
η /(mPa s)	3.435	4.638	6.000	7.264	8.539	10.392	11.576	12.693	13.349
T /K = 308.15									97P2
x_2	0.0003	0.0009	0.0059	0.0100	0.0136	0.0616	0.1054	0.1634	0.1935
η /(mPa s)	0.706	0.709	0.733	0.752	0.774	1.044	1.326	1.756	2.016
x_2	0.2969	0.3955	0.4982	0.5873	0.6734	0.7944	0.8719	0.9410	0.9866
η /(mPa s)	2.919	3.905	5.004	6.040	7.077	8.555	9.501	10.349	10.905
T /°C = 30.0									96B5
x_2	0.0000	0.1006	0.2001	0.2984	0.3884	0.4863	0.5930	0.6833	0.7949
η /(mPa s)	0.8007	1.4978	2.4300	3.5033	4.5295	5.8130	7.2977	8.6081	10.353
x_2	0.8924	1.0000							
η /(mPa s)	11.7734	13.5246							
T /°C = 35.0									96B5
x_2	0.0000	0.1006	0.2001	0.2984	0.3884	0.4863	0.5930	0.6833	0.7949
η /(mPa s)	0.7247	1.3277	2.1123	3.0393	3.8922	4.9571	6.1716	7.2441	8.6507
x_2	0.8924	1.0000							
η /(mPa s)	9.8017	11.0505							
T /°C = 40.0									96B5
x_2	0.0000	0.1006	0.2001	0.2984	0.3884	0.4863	0.5930	0.6833	0.7949
η /(mPa s)	0.6603	1.1879	1.8591	2.6535	3.3700	4.2524	5.2609	6.1406	7.2987
x_2	0.8924	1.0000							
η /(mPa s)	8.2163	9.2442							
T /°C = 45.0									96B5
x_2	0.0000	0.1006	0.2001	0.2984	0.3884	0.4863	0.5930	0.6833	0.7949
η /(mPa s)	0.6013	1.0696	1.6542	2.3216	2.9282	3.6856	4.5347	5.2734	6.2383
x_2	0.8924	1.0000							
η /(mPa s)	6.9938	7.9694							
T /°C = 50.0									96B5

x_2	0.0000	0.1006	0.2001	0.2984	0.3884	0.4863	0.5930	0.6833	0.7949
$\eta /(\text{mPa s})$	0.5538	0.9700	1.4831	2.0541	2.5825	3.2137	3.9466	4.5683	5.3662
x_2	0.8924	1.0000							
$\eta /(\text{mPa s})$	6.0246	6.7128							
$T/\text{K} = 298.15$									95A5
x_1	0.0000	0.1071	0.2163	0.3109	0.3819	0.5103	0.3121	0.7081	0.8069
$\eta /(\text{mPa s})$	9.408	8.625	7.631	6.731	6.068	4.919	3.968	3.112	2.263
x_1	0.9031	1.0000							
$\eta /(\text{mPa s})$	1.524	0.891							
$T/\text{K} = 308.15$									94R1
x_1	0.0000	0.1046	0.2029	0.3005	0.3986	0.5012	0.5999	0.6987	0.8008
$\eta /(\text{mPa s})$	10.473	9.207	8.051	6.899	5.846	4.779	3.798	2.866	1.998
x_1	0.8947	1.0000							
$\eta /(\text{mPa s})$	1.315	0.719							
$T/\text{K} = 298.15$									84I1
x_1	0.00	0.10	0.50	0.97	1.00				
$\eta /(\text{mPa s})$	17.7	13.9	7.3	1.1	0.91				
$T/\text{K} = 298.15$									82B1
w_1	0.00	0.25	0.50	0.75	1.00				
$\eta /(\text{mPa s})$	16.8	6.67	3.15	1.68	0.89				
$T/\text{K} = 313.15$									82B1
w_1	0.00	0.25	0.50	0.75	1.00				
$\eta /(\text{mPa s})$	9.43	4.16	2.07	1.18	0.65				
$T/^\circ\text{C} = 25.0$									77I1
x_2	0.0000	0.0343	0.0750	0.1214	0.1770	0.2439	0.3257	0.4275	0.5599
$\eta /(\text{mPa s})$	0.8941	1.1592	1.5196	1.9865	2.6119	3.4426	4.5738	6.1461	8.4295
x_2	0.7422	0.8589	1.0000						
$\eta /(\text{mPa s})$	11.8850	14.2301	16.8700						
$T/^\circ\text{C} = 20.0$									74L1
x_2	0.0000	0.0376	0.0744	0.1209	0.1755	0.3220	0.5563	1.0000	
$\eta /(\text{mPa s})$	1.0050	1.3430	1.7245	2.2577	2.9523	5.1782	9.5731	19.7877	
$T/^\circ\text{C} = 30.0$									74L1
x_2	0.0000	0.0376	0.0744	0.1209	0.1755	0.3220	0.5563	1.0000	
$\eta /(\text{mPa s})$	0.8178	1.0560	1.3153	1.6932	2.1911	3.7290	6.6367	13.2715	
$T/^\circ\text{C} = 40.0$									74L1
x_2	0.0000	0.0376	0.0744	0.1209	0.1755	0.3220	0.5563	1.0000	
$\eta /(\text{mPa s})$	0.6852	0.8523	1.0675	1.3435	1.7037	2.1982	4.8381	9.1299	

$T/^\circ\text{C} = 50.0$									74L1
x_2	0.0000	0.0376	0.0744	0.1209	0.1755	0.3220	0.5563	1.0000	
$\eta/(\text{mPa}\cdot\text{s})$	0.5829	0.7163	0.8672	1.0896	1.3668	2.1747	3.6624	6.6663	
$T/^\circ\text{C} = 25.0$									71H1
x_2	0.0000	0.0414	0.1180	0.1553	0.3385	0.3521	0.4133	0.5333	0.6376
$\eta/(\text{mPa}\cdot\text{s})$	0.894	1.22	1.97	2.36	4.73	4.96	5.94	7.96	9.90
x_2	0.7762	0.8769	0.9070	0.9966	1.0000				
$\eta/(\text{mPa}\cdot\text{s})$	12.56	14.49	15.05	16.94	17.01				
$T/^\circ\text{C} = 25.0$									68J1
w_2	0.0000	0.4228	0.6309	0.8152	1.0000				
$\eta/(\text{mPa}\cdot\text{s})$	0.8937	2.58	4.73	8.36	14.78				
$T/^\circ\text{C} = 30.0$									62C1
x_2	0.0311	0.1107	0.1620	0.2253	0.3031	0.4039	0.5376	0.7230	1.0000
$\eta/(\text{mPa}\cdot\text{s})$	0.9979	1.5963	2.0549	2.6885	3.4815	4.756	6.6127	9.5936	13.55
$T/^\circ\text{C} = 20.0$									44I1
x_2	0.000	0.045	0.104	0.162	0.225	0.404	0.569	1.000	
$\eta/(\text{mPa}\cdot\text{s})$	1.005	1.46	2.25	2.98	3.96	7.10	10.3	21.4	
$T/^\circ\text{C} = -10.0$									95C5
x_1	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442		
$\nu/(\text{mm}^2/\text{s})$	7.126	9.898	13.35	18.69	27.00	40.09	61.68		
$T/^\circ\text{C} = -5.0$									95C5
x_1	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442	
$\nu/(\text{mm}^2/\text{s})$	4.113	5.630	7.751	10.39	14.41	20.48	30.02	45.38	
$T/^\circ\text{C} = 0.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$\nu/(\text{mm}^2/\text{s})$	2.461	3.346	4.529	6.189	8.240	11.36	15.91	23.06	34.20
$T/^\circ\text{C} = 5.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$\nu/(\text{mm}^2/\text{s})$	2.061	2.776	3.733	5.023	6.649	9.068	12.56	17.98	26.32
$T/^\circ\text{C} = 10.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$\nu/(\text{mm}^2/\text{s})$	1.752	2.339	3.106	4.164	5.459	7.403	10.07	14.29	20.69
$T/^\circ\text{C} = 15.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$\nu/(\text{mm}^2/\text{s})$	1.509	1.995	2.627	3.472	4.533	6.104	8.244	11.52	16.47
$T/^\circ\text{C} = 20.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442

$v/(mm^2/s)$	1.318	1.723	2.257	2.965	3.819	5.117	6.818	9.447	13.31
$T/^\circ C = 25.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	1.161	1.508	1.952	2.543	3.266	4.325	5.730	7.849	10.94
$T/^\circ C = 30.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	1.031	1.332	1.704	2.216	2.809	3.700	4.844	6.589	9.081
$T/^\circ C = 35.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	0.9277	1.186	1.510	1.941	2.444	3.198	4.148	5.566	7.575
$T/^\circ C = 40.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	0.8405	1.063	1.340	1.717	2.146	2.787	3.589	4.783	6.388
$T/^\circ C = 45.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	0.7639	0.9608	1.201	1.536	1.898	2.436	3.127	4.134	5.501
$T/^\circ C = 50.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	0.7016	0.8735	1.082	1.376	1.690	2.157	2.743	3.607	4.762
$T/^\circ C = 55.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	0.6437	0.7987	0.9826	1.245	1.518	1.922	2.425	3.176	4.132
$T/^\circ C = 60.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	0.5953	0.7338	0.8958	1.137	1.370	1.722	2.163	2.805	3.641
$T/^\circ C = 65.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	0.5529	0.6780	0.8227	1.033	1.241	1.558	1.938	2.500	3.212
$T/^\circ C = 70.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	0.5158	0.6295	0.7564	0.9451	1.132	1.416	1.745	2.236	2.861
$T/^\circ C = 75.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	0.4844	0.5896	0.7009	0.8733	1.038	1.289	1.582	2.007	2.545
$T/^\circ C = 80.0$									95C5
x_1	0.0346	0.0749	0.1213	0.1775	0.2432	0.3267	0.4274	0.5638	0.7442
$v/(mm^2/s)$	0.4558	0.5502	0.6530	0.8057	0.9552	1.188	1.430	1.812	2.287
$T/K = 298.15$									84I1

x_1	0.00	0.10	0.50	0.97	1.00				
$v/(mm^2/s)$	16.0	12.6	6.7	1.1	0.91				
$T/K = 313.15$									84I1
x_1	0.10	0.50	0.97	1.00					
$v/(mm^2/s)$	7.5	4.1	0.79	0.65					
$T/K = 328.15$									84I1
x_1	0.10	0.50	0.97	1.00					
$v/(mm^2/s)$	4.8	2.9	0.60	0.51					
$T/K = 343.15$									84I1
x_1	0.10	0.50	0.97	1.00					
$v/(mm^2/s)$	3.3	2.0	0.48	0.41					
$T/^\circ C = 30.0$									82D1
x_2	0.0000	0.0334	0.0725	0.1158	0.1676	0.2298	0.3379	0.3851	0.4397
$v/(mm^2/s)$	0.804	1.026	1.298	1.646	2.059	2.651	3.751	4.288	4.919
x_2	0.5020	0.5678	0.6499	0.7449	0.8634	1.0000			
$v/(mm^2/s)$	5.703	6.546	7.638	8.941	10.587	12.437			
$T/^\circ C = 25.0$									77I1
x_2	0.0000	0.0343	0.0750	0.1214	0.1770	0.2439	0.3257	0.4275	0.5599
$v/(mm^2/s)$	0.8964	1.1469	1.4824	1.9118	2.4811	3.2313	4.2472	5.6542	7.6919
x_2	0.7422	0.8589	1.0000						
$v/(mm^2/s)$	10.7693	12.8558	15.2000						
$T/^\circ C = 37.8$									47S2
w_1	0.00	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.50
$v/(mm^2/s)$	8.7	6.9	6.0	5.1	4.4	3.8	3.2	2.8	2.2
w_1	0.60	0.70	0.80						
$v/(mm^2/s)$	1.6	1.3	1.1						
165	H₂O (1)		water						7732-18-5
	C₂H₇NO (2)		2-amino-ethanol						141-43-5
$T/K = 298.15$									98W1
w_2	0.10	0.20	0.30	0.40					
$\eta/(mPa\ s)$	1.77	1.71	2.52	3.41					
$T/K = 303.15$									95L1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(mPa\ s)$	0.800	1.91	3.87	6.87	9.68	12.3	14.0	15.2	15.4
x_2	0.90	1.00							
$\eta/(mPa\ s)$	15.3	15.0							
$T/K = 313.15$									95L1

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.655	1.48	2.84	4.62	6.48	8.13	9.26	9.92	10.1
x_2	0.90	1.00							
η /(mPa s)	10.0	9.94							
T /K = 323.15									95L1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.549	1.21	2.16	3.36	4.62	5.65	6.38	6.84	6.94
x_2	0.90	1.00							
η /(mPa s)	6.93	6.87							
T /°C = 20.0									74L1
x_2	0.0000	0.0699	0.1654	0.3043	0.6204	0.8030	1.0000		
η /(mPa s)	1.0050	1.9529	4.2432	9.8933	23.1135	35.8537	24.0692		
T /°C = 30.0									74L1
x_2	0.0000	0.0699	0.1654	0.3043	0.6204	0.8030	1.0000		
η /(mPa s)	0.8178	1.4770	3.0586	6.6078	13.6476	15.7240	14.7613		
T /°C = 40.0									74L1
x_2	0.0000	0.0699	0.1654	0.3043	0.6204	0.8030	1.0000		
η /(mPa s)	0.6852	1.1766	2.2868	4.6543	9.3262	10.5436	9.9719		
T /°C = 50.0									74L1
x_2	0.0000	0.0699	0.1654	0.3043	0.6204	0.8030	1.0000		
η /(mPa s)	0.5829	0.9730	1.7605	3.4012	6.5925	7.2190	7.0105		
T /°C = 20.0									47L1
w_2	0.20	0.50	0.75	1.00					
η /(mPa s)	1.880	6.170	16.60	31.30					
T /°C = 50.0									47L1
w_2	0.20	0.50	0.75	1.00					
η /(mPa s)	0.940	2.570	5.37	9.44					
T /°C = 80.0									47L1
w_2	0.20	0.50	0.75	1.00					
η /(mPa s)	0.543	1.200	2.09	3.48					
T /°C = 100.0									47L1
w_2	0.20	0.50	0.75	1.00					
η /(mPa s)	0.389	0.785	1.25	1.95					
T /K = 303.15									95L1
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
ν /(mm ² /s)	1.90	3.81	6.53	9.45	12.0	13.7	14.9	15.2	15.1
T /K = 313.15									95L1
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90

$v/(mm^2/s)$	1.48	2.81	4.55	6.38	8.01	9.14	9.82	10.0	9.96
$T/K = 323.15$									95L1
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
$v/(mm^2/s)$	1.21	2.15	3.33	4.58	5.61	6.35	6.83	6.95	6.96

166	H₂O (1)	C₂H₇NO₂S (2)	water							7732-18-5
			N-methyl-methanesulfonamide							1184-85-6
$T/K = 303.15$									79P1	
x_2	0.0000	0.0997	0.2019	0.3219	0.4053	0.4765	0.5917	0.6993	0.7928	
$\eta/(mPa\ s)$	0.7975	1.237	1.691	2.243	2.670	3.076	3.788	4.618	5.453	
x_2	0.9004	1.0000								
$\eta/(mPa\ s)$	6.698	8.242								
$T/K = 333.15$									79P1	
x_2	0.0000	0.0997	0.2019	0.3219	0.4053	0.4765	0.5917	0.6993	0.7928	
$\eta/(mPa\ s)$	0.4666	0.702	0.948	1.227	1.444	1.637	1.963	2.319	2.642	
x_2	0.9004	1.0000								
$\eta/(mPa\ s)$	3.088	3.657								

167	H₂O (1)	C₂H₈N₂ (2)	water							7732-18-5
			1,1-dimethyl-hydrazine							57-14-7
$T/K = 248.15$									92L1	
x_2	0.0000	0.0996	0.1498	0.1788	0.1992	0.2480	0.2792	0.2997	0.3473	
$\eta/(mPa\ s)$	6.45	89.52	259.57	424.28	519.13	541.20	434.10	360.58	223.30	
x_2	0.3968	0.4964	0.5945	0.7001	0.7874	0.9008	1.0000			
$\eta/(mPa\ s)$	124.44	45.92	18.01	8.19	5.33	2.32	1.55			
$T/K = 258.15$									92L1	
x_2	0.0000	0.0499	0.1018	0.1471	0.2000	0.2498	0.2984	0.3466	0.3995	
$\eta/(mPa\ s)$	3.34	11.11	35.09	80.85	144.84	151.47	114.66	79.37	51.42	
x_2	0.4482	0.4994	0.5955	0.6986	0.8064	0.8999	1.0000			
$\eta/(mPa\ s)$	38.35	21.35	9.88	4.79	2.59	1.69	1.16			
$T/K = 268.15$									92L1	
x_2	0.0000	0.0499	0.1018	0.1471	0.2000	0.2498	0.2984	0.3466	0.3995	
$\eta/(mPa\ s)$	2.16	5.99	16.14	32.87	50.86	53.13	42.92	31.59	21.67	
x_2	0.4482	0.4994	0.5955	0.6986	0.8064	0.8999	1.0000			
$\eta/(mPa\ s)$	16.26	10.44	5.63	2.92	1.79	1.26	0.91			
$T/K = 278.15$									92L1	
x_2	0.0000	0.0499	0.1018	0.1471	0.2000	0.2498	0.2984	0.3466	0.3995	
$\eta/(mPa\ s)$	1.53	3.59	8.49	15.15	21.60	22.32	18.86	14.86	10.74	
x_2	0.4482	0.4994	0.5955	0.6986	0.8064	0.8999	1.0000			

η /(mPa s)	8.81	5.78	3.45	1.95	1.34	0.97	0.73		
T /K = 293.15									92L1
x_2	0.0000	0.0499	0.1018	0.1471	0.2000	0.2498	0.2984	0.3466	0.3995
η /(mPa s)	1.01	2.05	3.64	6.22	8.22	8.46	7.51	6.25	4.78
x_2	0.4482	0.4994	0.5955	0.6986	0.8064	0.8999	1.0000		
η /(mPa s)	4.23	2.95	2.28	1.27	0.90	0.69	0.55		

168	H₂O (1)		water						7732-18-5
	C₂H₈N₂ (2)		ethane-1,2-diamine						107-15-3
T /°C = 0.0									29E1
x_2	0.000	0.044	0.086	0.161	0.194	0.245	0.300	0.333	0.350
η /(mPa s)	1.789	2.952	5.338	14.932	22.684	32.460	42.388	43.000	42.468
x_2	0.374	0.387	0.397	0.416	0.441	0.450	0.465	0.474	0.502
η /(mPa s)	39.505	37.680	36.255	34.284	30.298	28.127	26.530	25.426	25.063
x_2	0.517	0.528	0.550	0.590	0.664	0.699	0.801	0.900	1.000
η /(mPa s)	24.221	23.466	17.371	12.446	9.368	7.415	4.817	3.525	2.610
T /°C = 25.0									29E1
x_2	0.000	0.044	0.086	0.161	0.194	0.245	0.300	0.333	0.350
η /(mPa s)	0.894	1.221	1.932	4.028	5.200	6.690	8.057	8.351	8.258
x_2	0.374	0.387	0.397	0.416	0.441	0.450	0.474	0.502	
η /(mPa s)	7.825	7.734	7.379	7.048	6.544	6.374	6.112	5.885	
x_2	0.517	0.528	0.550	0.590	0.664	0.699	0.801	0.900	1.000
η /(mPa s)	5.667	5.430	4.610	3.684	3.058	2.569	1.940	1.533	1.260
T /°C = 50.0									29E1
x_2	0.000	0.044	0.086	0.161	0.194	0.245	0.300	0.333	0.350
η /(mPa s)	0.550	0.684	0.920	1.549	1.881	2.184	2.551	2.571	2.643
x_2	0.374	0.387	0.397	0.416	0.441	0.450	0.474	0.502	
η /(mPa s)	2.423	2.401	2.306	2.291	2.214	2.069	2.058	1.991	
x_2	0.517	0.528	0.550	0.590	0.664	0.699	0.801	0.900	1.000
η /(mPa s)	1.919	1.907	1.733	1.539	1.320	1.174	0.978	0.847	0.737

169	H₂O (1)		water						7732-18-5
	C₃F₆O (2)		1,1,1,3,3,3-hexafluoro-propan-2-one						684-16-2
T /°C = 25.0									71M4
x_2	0.0000	0.0208	0.0252	0.0492	0.1506	0.1738	0.1866	0.1957	0.2500
η /(mPa s)	0.890	1.396	1.494	2.569	6.14	6.92	7.29	7.49	8.27
x_2	0.3330	0.3918							
η /(mPa s)	7.10	5.68							

170	H₂O (1)	C₃H₂F₆O (2)	water						7732-18-5	920-66-1
			1,1,1,3,3,3-hexafluoro-propan-2-ol							
<i>T/ °C = 0.0</i>										
<i>w</i> ₂	0.00000	0.01921	0.04008	0.07515	0.09716	0.1633	0.2019	0.3050	0.4077	
<i>η</i> /(mPa s)	1.777	1.878	1.995	2.226	2.386	2.910	3.268	4.108	4.922	
<i>w</i> ₂	0.5065	0.6589	0.7072	0.8038	0.8714	0.9033	0.9409	0.9515	0.9641	
<i>η</i> /(mPa s)	5.618	6.200	6.150	5.468	4.506	4.065	3.668	3.621	3.655	
<i>w</i> ₂	0.9749	0.9808	1.0000							
<i>η</i> /(mPa s)	3.829	4.000	5.415							
<i>T/ °C = 15.0</i>										
<i>w</i> ₂	0.00000	0.01921	0.04008	0.07515	0.09716	0.1633	0.2019	0.3050	0.4077	
<i>η</i> /(mPa s)	1.135	1.186	1.243	1.350	1.427	1.627	1.784	2.198	2.585	
<i>w</i> ₂	0.5065	0.6589	0.7072	0.8038	0.8714	0.9033	0.9409	0.9515	0.9641	
<i>η</i> /(mPa s)	2.922	3.200	3.201	2.952	2.570	2.418	2.200	2.154	2.145	
<i>w</i> ₂	0.9749	0.9808	1.0000							
<i>η</i> /(mPa s)	2.167	2.198	2.446							
<i>T/ °C = 25.0</i>										
<i>w</i> ₂	0.00000	0.01921	0.04008	0.07515	0.09716	0.1633	0.2019	0.3050	0.4077	
<i>η</i> /(mPa s)	0.890	0.921	0.959	1.027	1.076	1.220	1.310	1.583	1.854	
<i>w</i> ₂	0.5065	0.6589	0.7072	0.8038	0.8714	0.9033	0.9409	0.9515	0.9641	
<i>η</i> /(mPa s)	2.077	2.251	2.246	2.102	1.879	1.760	1.636	1.606	1.585	
<i>w</i> ₂	0.9749	0.9808	1.0000							
<i>η</i> /(mPa s)	1.575	1.575	1.619							
<i>T/ °C = 30.0</i>										
<i>w</i> ₂	0.00000	0.01921	0.04008	0.07515	0.09716	0.1633	0.2019	0.3050	0.4077	
<i>η</i> /(mPa s)	0.798	0.824	0.857	0.911	0.951	1.069	1.147	1.383	1.606	
<i>w</i> ₂	0.5065	0.6589	0.7072	0.8038	0.8714	0.9033	0.9409	0.9515	0.9641	
<i>η</i> /(mPa s)	1.797	1.931	1.934	1.830	1.633	1.541	1.433	1.405	1.390	
<i>w</i> ₂	0.9749	0.9808	1.0000							
<i>η</i> /(mPa s)	1.374	1.372	1.361							
<i>T/ °C = 40.0</i>										
<i>w</i> ₂	0.00000	0.01921	0.04008	0.07515	0.09716	0.1633	0.2019	0.3050	0.4077	
<i>η</i> /(mPa s)	0.653	0.671	0.691	0.730	0.756	0.840	0.897	1.075	1.246	
<i>w</i> ₂	0.5065	0.6589	0.7072	0.8038	0.8714	0.9033	0.9409	0.9515	0.9641	
<i>η</i> /(mPa s)	1.377	1.463	1.459	1.400	1.262	1.202	1.119	1.102	1.077	
<i>w</i> ₂	0.9749	0.9808	1.0000							
<i>η</i> /(mPa s)	1.049	1.045	1.000							
<i>T/ °C = 50.0</i>										
<i>w</i> ₂	0.00000	0.01921	0.04008	0.07515	0.09716	0.1633	0.2019	0.3050	0.4077	
<i>η</i> /(mPa s)	0.547	0.559	0.575	0.602	0.621	0.682	0.727	0.869	0.997	

w_2	0.5065	0.6589	0.7072	0.8038	0.8714	0.9033	0.9409	0.9515	0.9641
$\eta /(\text{mPa s})$	1.094	1.147	1.142	1.086	1.004	0.964	0.907	0.883	0.864
w_2	0.9749	0.9808	1.0000						
$\eta /(\text{mPa s})$	0.849	0.833	0.788						

171 **H₂O (1)** **water** **7732-18-5**
 C₃H₃F₅O (2) **2,2,3,3,3-pentafluoro-propan-1-ol** **422-05-9**

$T/\text{K} = 298.15$ 93M3

x_2	0.5504	0.6564	0.7892	0.8991	1.0000				
$\eta /(\text{mPa s})$	2.607	2.626	2.774	3.069	3.367				

$T/\text{K} = 323.15$ 93M3

x_2	0.5504	0.6564	0.7892	0.8991	1.0000				
$\eta /(\text{mPa s})$	1.263	1.278	1.318	1.401	1.518				

A table is given in the original source 93M3 for pressures up to 80 MPa. 93M3

$T/\text{K} = 298.15$ 92M1

x_2	0.5504	0.6564	0.7892	1.0000					
$\eta /(\text{mPa s})$	2.604	2.629	2.773	3.363					

$T/\text{K} = 323.15$ 92M1

x_2	0.5504	0.6564	0.7892	1.0000					
$\eta /(\text{mPa s})$	1.264	1.270	1.313	1.518					

172 **H₂O (1)** **water** **7732-18-5**
 C₃H₄F₄O (2) **2,2,3,3-tetrafluoro-propan-1-ol** **76-37-9**

$T/\text{K} = 298.15$ 93M3

x_2	0.1237	0.2532	0.3747	0.5024	0.6133	0.7598	0.8707	1.0000	
$\eta /(\text{mPa s})$	2.070	2.716	3.002	3.314	3.523	3.910	4.341	4.861	

$T/\text{K} = 323.15$ 93M3

x_2	0.1237	0.2532	0.3747	0.5024	0.6133	0.7598	0.8707	1.0000	
$\eta /(\text{mPa s})$	1.032	1.340	1.478	1.590	1.678	1.807	1.961	2.156	

A table is given in the original source 93M3 for pressures up to 80 MPa. 93M3

$T/\text{K} = 298.15$ 92M1

x_2	0.2532	0.5024	0.7598	1.0000					
$\eta /(\text{mPa s})$	2.714	3.308	3.912	4.843					

$T/\text{K} = 323.15$ 92M1

x_2	0.2532	0.5024	0.7598	1.0000					
$\eta /(\text{mPa s})$	1.340	1.589	1.808	2.153					

173	H₂O (1)	C₃H₄O₃ (2)	water					7732-18-5		
			1,3-dioxolan-2-one					96-49-1		
<i>T</i> / °C = 25.0										87E2
<i>x</i> ₂	0.0000	0.0985	0.2130	0.2981	0.4014	0.4961	0.6043	0.6801	0.7940	
<i>η</i> /(mPa s)	0.89030	0.94195	1.09743	1.14368	1.26208	1.37864	1.52581	1.62993	1.7595	
<i>x</i> ₂	0.8907									
<i>η</i> /(mPa s)	2.13217									
<i>T</i> / °C = 30.0										87E2
<i>x</i> ₂	0.0000	0.0985	0.2130	0.2981	0.4014	0.4961	0.6043	0.6801	0.7940	
<i>η</i> /(mPa s)	0.79750	0.83956	0.95855	1.01430	1.12517	1.22935	1.35849	1.44570	1.5730	
<i>x</i> ₂	0.8907									
<i>η</i> /(mPa s)	1.71427									
<i>T</i> / °C = 35.0										87E2
<i>x</i> ₂	0.0000	0.0985	0.2130	0.2981	0.4014	0.4961	0.6043	0.6801	0.7940	
<i>η</i> /(mPa s)	0.71940	0.75537	0.84889	0.92803	1.00716	1.10068	1.21579	1.29492	1.4100	
<i>x</i> ₂	0.8907									
<i>η</i> /(mPa s)	1.55188									
<i>T</i> / °C = 40.0										87E2
<i>x</i> ₂	0.0000	0.0985	0.2130	0.2981	0.4014	0.4961	0.6043	0.6801	0.7940	
<i>η</i> /(mPa s)	0.65310	0.68774	0.77421	0.82323	0.90663	0.99479	1.09083	1.16948	1.2860	
<i>x</i> ₂	0.8907									
<i>η</i> /(mPa s)	1.41020									
<i>T</i> / °C = 45.0										87E2
<i>x</i> ₂	0.0000	0.0985	0.2130	0.2981	0.4014	0.4961	0.6043	0.6801	0.7940	
<i>η</i> /(mPa s)	0.59630	0.63211	0.71157	0.75229	0.82877	0.90155	0.99348	1.06200	1.1202	
<i>x</i> ₂	0.8907									
<i>η</i> /(mPa s)	1.29666									
<i>T</i> / °C = 40.0										75C1
<i>x</i> ₂	0.0	0.05	0.1	0.1364	0.2	0.3	0.4	0.5	0.6	
<i>η</i> /(mPa s)	0.6531	0.7156	0.7783	0.8283	0.9034	1.0287	1.1539	1.2790	1.4042	
<i>x</i> ₂	0.7	0.8	0.9	1.0						
<i>η</i> /(mPa s)	1.5294	1.6546	1.7798	1.9050						
<i>T</i> / °C = 25.0										67C1
<i>x</i> ₂	0.0000	0.0166	0.0221	0.0415	0.0635	0.0897	0.1194	0.1403	0.1625	
<i>η</i> /(mPa s)	0.8903	0.9558	0.9681	1.038	1.096	1.172	1.253	1.309	1.377	
<i>x</i> ₂	0.2345	0.3229	0.3784	0.4412	0.5409	0.6443				
<i>η</i> /(mPa s)	1.519	1.647	1.704	1.751	1.831	1.898				

174 **H₂O (1)** **water** **7732-18-5**

	C₃H₆O (2)		propan-2-one				67-64-1			
$T/^\circ\text{C} = 25.0$										92G1
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa s})$	0.890	0.968	0.762	0.543	0.405	0.304				
$T/^\circ\text{C} = 25.0$										90A4
x_1	0.0000	0.0987	0.2027	0.3389	0.4112	0.4963	0.6047	0.6816	0.7973	
$\eta/(\text{mPa s})$	0.3025	0.3426	0.3950	0.4873	0.5614	0.6675	0.8205	0.9547	1.2051	
x_1	0.8447	0.9113	0.9574	1.0000						
$\eta/(\text{mPa s})$	1.3281	1.3162	1.1505	0.8953						
$T/^\circ\text{C} = 25.0$										90M1
w_2	0.000	0.073	0.136	0.191	0.240	0.320	0.383	0.440	0.495	
$\eta/(\text{mPa s})$	0.89	1.03	1.16	1.28	1.35	1.37	1.42	1.31	1.22	
w_2	0.567	0.663	0.724	0.797	0.887	1.000				
$\eta/(\text{mPa s})$	1.05	0.89	0.71	0.58	0.42	0.30				
$T/\text{K} = 298.15$										82N1
x_2	0.0000	0.0583	0.1460	0.2056	0.3020	0.4597	0.5266	0.6181	0.7699	
$\eta/(\text{mPa s})$	0.893	1.239	1.454	1.393	1.211	0.869	0.764	0.613	0.489	
x_2	0.8195	1.0000								
$\eta/(\text{mPa s})$	0.474	0.384								
$T/^\circ\text{C} = 25.0$										76S1
w_2	0.0000	0.0800	0.2689	0.6413	0.8194	1.0000				
$\eta/(\text{mPa s})$	0.8903	1.035	1.288	1.125	0.730	0.303				
$T/^\circ\text{C} = 20.0$										70K1
x_2	0.000	0.064	0.070	0.072	0.157	0.170	0.172	0.251	0.294	
$\eta/(\text{mPa s})$	1.002	1.447	1.470	1.479	1.569	1.567	1.566	1.444	1.316	
x_2	0.394	0.403	0.526	0.580	0.741	0.780	0.858	1.000		
$\eta/(\text{mPa s})$	0.988	0.965	0.709	0.622	0.439	0.411	0.372	0.325		
$T/^\circ\text{C} = 40.0$										70K1
x_2	0.000	0.064	0.070	0.072	0.157	0.170	0.172	0.251	0.294	
$\eta/(\text{mPa s})$	0.656	0.872	0.885	0.887	0.939	0.933	0.932	0.855	0.799	
x_2	0.394	0.403	0.526	0.580	0.741	0.780	0.858	1.000		
$\eta/(\text{mPa s})$	0.673	0.664	0.526	0.471	0.346	0.330	0.306	0.273		
$T/^\circ\text{C} = 60.0$										70K1
x_2	0.000	0.064	0.070	0.072	0.157	0.170	0.172	0.251	0.294	
$\eta/(\text{mPa s})$	0.469	0.594	0.600	0.603	0.632	0.630	0.629	0.580	0.549	
x_2	0.394	0.403								
$\eta/(\text{mPa s})$	0.486	0.475								

$T/^\circ\text{C} = 15.0$									69M2
x_2	0.000	0.047	0.095	0.124	0.152	0.192	0.328	0.490	0.687
$\eta/(\text{mPa s})$	1.140	1.523	1.796	1.844	1.836	1.743	1.270	0.821	0.527
x_2	0.850	1.000							
$\eta/(\text{mPa s})$	0.423	0.348							
$T/^\circ\text{C} = 20.0$									69M2
x_2	0.000	0.047	0.095	0.124	0.152	0.192	0.328	0.490	0.687
$\eta/(\text{mPa s})$	1.005	1.328	1.549	1.586	1.588	1.504	1.129	0.746	0.497
x_2	0.850	1.000							
$\eta/(\text{mPa s})$	0.404	0.326							
$T/^\circ\text{C} = 30.0$									69M2
x_2	0.000	0.047	0.095	0.124	0.152	0.192	0.328	0.490	0.687
$\eta/(\text{mPa s})$	0.801	1.027	1.179	1.214	1.212	1.148	0.901	0.625	0.435
x_2	0.850	1.000							
$\eta/(\text{mPa s})$	0.367	0.303							
$T/^\circ\text{C} = 40.0$									69M2
x_2	0.000	0.047	0.095	0.124	0.152	0.192	0.328	0.490	0.687
$\eta/(\text{mPa s})$	0.656	0.826	0.929	0.945	0.955	0.908	0.737	0.536	0.386
x_2	0.850	1.000							
$\eta/(\text{mPa s})$	0.333	0.283							
$T/^\circ\text{C} = 50.0$									69M2
x_2	0.000	0.047	0.095	0.124	0.152	0.192	0.328	0.490	0.687
$\eta/(\text{mPa s})$	0.549	0.746	0.834	0.853	0.859	0.808	0.682	0.499	0.367
x_2	0.850	1.000							
$\eta/(\text{mPa s})$	0.320	0.276							
$T/^\circ\text{C} = 25.0$									67S1
x_2	0.30	0.70	0.90	0.95	0.97	1.00			
$\eta/(\text{mPa s})$	1.075	0.747	0.419	0.356	0.337	0.309			
$T/^\circ\text{C} = 30.0$									67S1
x_2	0.30	0.70	0.90	0.95	0.97	1.00			
$\eta/(\text{mPa s})$	0.950	0.686	0.400	0.329	0.322	0.295			
$T/^\circ\text{C} = 35.0$									67S1
x_2	0.30	0.70	0.90	0.95	0.97	1.00			
$\eta/(\text{mPa s})$	0.840	0.645	0.378	0.313	0.300	0.282			
$T/^\circ\text{C} = 40.0$									67S1
x_2	0.30	0.70	0.90	0.95	0.97	1.00			
$\eta/(\text{mPa s})$	0.753	0.585	0.333	0.300	0.289	0.275			
$T/^\circ\text{C} = 25.0$									66F1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			

η /(mPa s)	0.903	1.343	0.880	0.543	0.372	0.302			
T /°C = 25.0									32E1
x_2	0.000	0.033	0.070	0.118	0.171	0.237	0.318	0.420	0.554
η /(mPa s)	0.893	1.121	1.290	1.336	1.325	1.240	1.083	0.8365	0.6261
x_2	0.736	1.000							
η /(mPa s)	0.4549	0.3439							
T /°C = 25.0									25S1
w_2	0.0000	0.1140	0.2013	0.3011	0.3946	0.4996	0.5949	0.7024	0.8014
η /(mPa s)	0.893	1.231	1.786	1.940	2.176	2.110	1.826	1.347	0.9960
w_2	0.9014	1.0000							
η /(mPa s)	0.5737	0.3210							
T /°C = 15.0									13D1
w_2	0.00	0.125	0.375	0.50	0.625	0.75			
η /(mPa s)	1.137	1.442	1.829	1.774	1.516	1.115			
T /°C = 25.0									13D1
w_2	0.00	0.125	0.25	0.375	0.50	0.625	0.75	1.00	
η /(mPa s)	0.895	1.089	1.266	1.361	1.329	1.158	0.886	0.346	
T /°C = 35.0									13D1
w_2	0.00	0.125	0.25	0.375	0.50	0.625	0.75		
η /(mPa s)	0.725	0.862	0.975	1.050	1.026	0.910	0.721		
T /°C = 45.0									13D1
w_2	0.00	0.125	0.25	0.375	0.50	0.625	0.75		
η /(mPa s)	0.603	0.700	0.779	0.827	0.818	0.731	0.599		
T /°C = 0.0									09J1
w_2	0.00	0.25	0.50	0.75	1.00				
η /(mPa s)	1.778	2.908	3.005	1.659	0.429				
T /°C = 25.0									09J1
w_2	0.00	0.25	0.50	0.75	1.00				
η /(mPa s)	0.891	1.250	1.305	0.885	0.346				
T /°C = 25.0									03R1
w_2	0.0000	0.0250	0.0501	0.1005	0.2046	0.3325	0.4327	0.7300	1.0000
η/η_{water}	1.000	1.044	1.106	1.211	1.418	1.667	1.568	0.917	0.648
T /°C = 20.0									82D1
x_2	0.0000	0.0315	0.0577	0.0946	0.1485	0.2024	0.2716	0.3665	0.4989
ν /(mm ² /s)	1.005	1.271	1.439	1.600	1.678	1.634	1.468	1.194	0.888
x_2	0.5997	0.6886	0.7192	0.7810	0.8438	0.9102	0.9840		
ν /(mm ² /s)	0.720	0.606	0.566	0.520	0.475	0.441	0.409		

$T/^\circ\text{C} = 25.0$										82D1
x_2	0.0000	0.0598	0.1052	0.1555	0.2140	0.2789	0.3758	0.5044	0.6079	
$\nu/(\text{mm}^2/\text{s})$	0.895	1.268	1.427	1.457	1.417	1.275	1.056	0.806	0.657	
x_2	0.6890	0.7384	0.7920	0.8502	0.9164	0.9840				
$\nu/(\text{mm}^2/\text{s})$	0.568	0.526	0.485	0.448	0.416	0.392				
$T/^\circ\text{C} = 30.0$										82D1
x_2	0.0000	0.0598	0.1052	0.1555	0.2140	0.2789	0.3758	0.5044	0.6079	
$\nu/(\text{mm}^2/\text{s})$	0.804	1.121	1.249	1.281	1.248	1.141	0.954	0.744	0.612	
x_2	0.6890	0.7384	0.7920	0.8502	0.9164	0.9840				
$\nu/(\text{mm}^2/\text{s})$	0.534	0.498	0.460	0.428	0.400	0.378				
$T/^\circ\text{C} = 37.8$										82D1
x_2	0.0000	0.0598	0.1052	0.1555	0.2140	0.2789	0.3758	0.5044	0.6079	
$\nu/(\text{mm}^2/\text{s})$	0.690	0.935	1.038	1.068	1.045	0.961	0.825	0.658	0.553	
x_2	0.6890	0.7384	0.7920	0.8502	0.9164	0.9840				
$\nu/(\text{mm}^2/\text{s})$	0.488	0.456	0.426	0.399	0.374	0.355				
$T/^\circ\text{C} = 50.0$										82D1
x_2	0.0000	0.0598	0.1052	0.1555	0.2140	0.2789	0.3758	0.5044	0.6079	
$\nu/(\text{mm}^2/\text{s})$	0.558	0.736	0.806	0.831	0.826	0.765	0.679	0.559	0.478	
x_2	0.6890	0.7384	0.7920	0.8502	0.9164	0.9840				
$\nu/(\text{mm}^2/\text{s})$	0.429	0.404	0.382	0.360	0.341	0.326				
$T/^\circ\text{C} = 10.0$										83B1
x_2	0.0000	0.0697	0.1687	0.3167	1.0000					
$\nu/(\text{mm}^2/\text{s})$	1.2888	2.0441	2.2645	1.7460	0.4333					
$T/^\circ\text{C} = 20.0$										83B1
x_2	0.0000	0.0697	0.1687	0.3167	0.5538	1.0000				
$\nu/(\text{mm}^2/\text{s})$	1.0118	1.5026	1.6711	1.3400	0.7755	0.3976				
$T/^\circ\text{C} = 30.0$										83B1
x_2	0.0000	0.0697	0.1687	0.3167	0.5538	1.0000				
$\nu/(\text{mm}^2/\text{s})$	0.8157	1.1556	1.2844	1.0772	0.6780	0.3662				

175 **H₂O (1)** **water** **7732-18-5**
 C₃H₆O (2) **prop-2-en-1-ol** **107-18-6**

$T/^\circ\text{C} = 25.0$										08D1
w_2	0.0000	0.1406	0.2598	0.3370	0.3553	0.3653	0.4521	0.4688	0.4731	
$\eta/(\text{mPa s})$	0.891	1.349	1.682	1.789	1.834	1.846	1.888	1.895	1.887	
w_2	0.4782	0.5663	0.6500	0.6956	0.8320	1.0000				
$\eta/(\text{mPa s})$	1.891	1.891	1.796	1.750	1.537	1.232				

176 **H₂O (1)** **water** **7732-18-5**

	C₃H₆O₂ (2)		acetic acid methyl ester					79-20-9		
$T/^\circ\text{C} = 25.0$										26C1
w_2	0.00000	0.03122	0.04215	0.07113	0.09010	0.11077	0.13793	0.14295		
$\eta/(\text{mPa s})$	0.8949	0.9501	0.9706	1.0196	1.0494	1.0856	1.1166	1.1260		
w_2	0.16259	0.93329	0.94975	0.96752	0.98270	1.00000				
$\eta/(\text{mPa s})$	1.1442	0.4354	0.4131	0.3930	0.3773	0.3649				
177	H₂O (1)	C₃H₆O₂ (2)	water propionic acid					7732-18-5 79-09-4		
$T/^\circ\text{C} = 35.0$										87S2
x_2	0.0000	0.0262	0.0573	0.0942	0.1392	0.1950	0.2661	0.3597	0.4941	
$\eta/(\text{mPa s})$	0.7225	0.8845	1.0412	1.2226	1.4039	1.5713	1.7211	1.8115	1.8073	
x_2	0.6872	0.7929	0.8546	0.8872	0.9407	1.0000				
$\eta/(\text{mPa s})$	1.5192	1.3305	1.1960	1.1227	1.0129	0.8894				
$T/^\circ\text{C} = 20.0$										08T1
w_2	0.000	0.346	0.689	0.742	0.798	0.900	1.000			
$\eta/(\text{mPa s})$	1.003	1.982	2.752	2.794	2.973	2.622	1.114			
178	H₂O (1)	C₃H₆O₃ (2)	water 2-hydroxy-propionic acid					7732-18-5 598-82-3		
$T/^\circ\text{C} = 25.0$										04D1
w_2	0.1276	0.2171	0.3085	0.3369	0.3476	0.4398	0.5330	0.6024	0.7575	
$\eta/(\text{mPa s})$	1.186	1.455	1.849	1.982	2.026	2.733	3.591	3.621	7.955	
w_2	1.0000									
$\eta/(\text{mPa s})$	40.33									
179	H₂O (1)	C₃H₇NO (2)	water N,N-dimethyl-formamide					7732-18-5 68-12-2		
$T/\text{K} = 298.15$										97G1
x_2	0.00000	0.05171	0.10726	0.14806	0.27123	0.34617	0.38767	0.43227	0.5161	
$\eta/(\text{mPa s})$	0.890	1.35	1.83	2.12	2.50	2.41	2.27	2.12	1.82	
x_2	0.55001	0.61034	0.68849	0.70872	0.83513	0.86289	1.0000			
$\eta/(\text{mPa s})$	1.70	1.48	1.25	1.21	0.982	0.954	0.805			
$T/\text{K} = 298.15$										95A5
x_1	0.0000	0.1056	0.2069	0.3030	0.4062	0.5088	0.6057	0.7015	0.8044	
$\eta/(\text{mPa s})$	0.796	0.914	1.039	1.226	1.497	1.857	2.211	2.426	2.295	
x_1	0.9034	1.0000								

η /(mPa s)	1.690	0.891							
$T/^\circ\text{C} = 25.0$									92G1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.890	1.625	1.925	1.365	0.964	0.796			
$T/^\circ\text{C} = 25.0$									90M1
w_2	0.000	0.086	0.159	0.221	0.274	0.362	0.430	0.486	0.541
η /(mPa s)	0.89	1.07	1.27	1.44	1.66	1.94	2.15	2.25	2.47
w_2	0.612	0.702	0.759	0.825	0.904	1.000			
η /(mPa s)	2.49	2.34	2.24	1.86	1.36	0.80			
$T/^\circ\text{C} = 20.0$									86V1
x_1	0.0000	0.0217	0.0466	0.0989	0.1478	0.1960	0.2481	0.2859	0.3728
η /(mPa s)	1.0020	1.2254	1.4830	2.0110	2.3567	2.6503	2.8878	2.9078	2.7074
x_1	0.4919	0.5936	0.6889	0.7991	0.8795	1.0000			
η /(mPa s)	2.2615	1.7485	1.4369	1.1844	1.0731	0.9248			
$T/^\circ\text{C} = 40.0$									86V1
x_1	0.0000	0.0217	0.0466	0.0989	0.1478	0.1960	0.2481	0.2859	0.3728
η /(mPa s)	0.6529	0.7737	0.9108	1.1876	1.4037	1.5578	1.7126	1.7289	1.5865
x_1	0.4919	0.5936	0.6889	0.7991	0.8795	1.0000			
η /(mPa s)	1.3509	1.1772	1.0048	0.8768	0.8096	0.7143			
$T/^\circ\text{C} = 25.0$									85D1
w_2	0.10	0.20	0.30	0.40	0.60	0.80			
η /(mPa s)	1.1089	1.3695	1.6738	1.9951	2.4733	1.9110			
$T/^\circ\text{C} = 40.0$									85D1
w_2	0.10	0.20	0.30	0.40	0.60	0.80			
η /(mPa s)	0.8484	1.0289	1.2482	1.4904	1.7964	1.4359			
$T/^\circ\text{C} = 5.0$									85G3
x_1	0.0000	0.0814	0.2013	0.3021	0.4022	0.5005	0.6095	0.6988	0.7982
η/η_{water}	1.000	1.975	3.097	3.214	2.742	2.147	1.597	1.270	1.018
x_1	0.8897	1.0000							
η/η_{water}	0.866	0.740							
$T/^\circ\text{C} = 25.0$									84B1
x_2	0.00	0.10	0.30	0.40	0.50	0.70	1.00		
η /(mPa s)	0.8903	1.7552	2.4998	2.2548	1.8791	1.3078	0.8020		
$T/^\circ\text{C} = 20.0$									71S1
x_2	0.000	0.100	0.199	0.299	0.399	0.499	0.626	0.700	0.795
η /(mPa s)	1.000	2.024	2.751	2.894	2.572	2.106	1.584	1.356	1.147
x_2	0.893	1.000							

η /(mPa s)	0.976	0.855							
$T/^\circ\text{C} = 30.0$									71S1
x_2	0.000	0.100	0.200	0.300	0.400	0.503	0.630	0.695	0.801
η /(mPa s)	0.797	1.526	2.027	2.134	1.947	1.654	1.297	1.155	0.975
x_2	0.899	1.000							
η /(mPa s)	0.857	0.753							
$T/^\circ\text{C} = 40.0$									71S1
x_2	0.000	0.100	0.201	0.297	0.400	0.501	0.632	0.695	0.799
η /(mPa s)	0.653	1.197	1.550	1.640	1.516	1.316	1.063	0.964	0.834
x_2	0.891	1.000							
η /(mPa s)	0.746	0.673							
$T/^\circ\text{C} = 50.0$									71S1
x_2	0.000	0.100	0.200	0.300	0.401	0.498	0.626	0.701	0.799
η /(mPa s)	0.556	0.963	1.223	1.289	1.220	1.083	0.907	0.823	0.731
x_2	0.899	1.000							
η /(mPa s)	0.661	0.606							
$T/^\circ\text{C} = 25.0$									71K2
x_2	0.000	0.025	0.091	0.189	0.259	0.360	0.460	0.551	0.678
η /(mPa s)	0.8910	1.0000	1.6167	2.2042	2.3188	2.1749	1.8902	1.5321	1.1919
x_2	0.800	0.901	1.000						
η /(mPa s)	0.9732	0.8541	0.7958						
$T/^\circ\text{C} = 25.0$									50B4
x_2	0.05	0.10	0.20	0.30	0.40	0.50	0.60	0.80	1.00
η /(mPa s)	1.418	1.770	2.312	2.525	2.506	1.973	1.577	1.065	0.869
$T/\text{K} = 283.15$									95C3
x_1	0.0000	0.2348	0.4066	0.6066	0.7993	1.0000			
ν /(mm ² /s)	1.040	1.499	2.217	3.633	3.960	1.323			
$T/\text{K} = 313.15$									95C3
x_1	0.0000	0.0465	0.2029	0.4088	0.6043	0.8097	0.9687	1.0000	
ν /(mm ² /s)	0.738	0.767	0.912	1.205	1.597	1.568	0.856	0.677	
180	H₂O (1)		water						7732-18-5
	C₃H₇NO (2)		N-methyl-acetamide						79-16-3
$T/^\circ\text{C} = 35.0$									75K1
x_2	0.000	0.098	0.298	0.493	0.753	0.898	1.000		
η /(mPa s)	0.719	1.648	3.438	3.968	3.710	3.513	3.389		
$T/^\circ\text{C} = 30.0$									71R2

x_2	0.1879	0.2908	0.4472	0.5450	0.6186	0.7876	0.8968	0.9598	
$\eta /(\text{mPa s})$	2.890	3.704	4.372	4.421	4.331	4.028	3.814	3.716	
$T / ^\circ\text{C} = 25.0$									68A1
x_1	0.0000	0.0402	0.1032	0.2124	0.3814	0.4550	0.5528	0.7092	0.8121
$\eta /(\text{mPa s})$	3.657	3.716	3.814	4.028	4.331	4.421	4.372	3.704	2.890
181	H₂O (1)		water						7732-18-5
	C₃H₈O (2)		propan-1-ol						71-23-8
$T / ^\circ\text{C} = 25.0$									90M1
w_2	0.000	0.074	0.138	0.194	0.243	0.324	0.390	0.449	0.499
$\eta /(\text{mPa s})$	0.89	1.19	1.51	1.58	1.93	2.23	2.42	2.55	2.63
w_2	0.571	0.666	0.722	0.799	0.889	1.000			
$\eta /(\text{mPa s})$	2.63	2.57	2.55	2.43	2.26	2.00			
$T / ^\circ\text{C} = 25.0$									89I1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
$\eta /(\text{mPa s})$	1.3277	1.8636	2.1459	2.4408	2.5329	2.6767	2.4920	2.3667	2.0961
w_2	1.00								
$\eta /(\text{mPa s})$	1.9280								
$T / \text{K} = 283.15$									87T1
x_2	0.00	0.25	0.30	0.40	0.50	0.75	1.00		
$\eta /(\text{mPa s})$	1.310	4.792	4.768	4.636	4.201	3.401	2.808		
$T / \text{K} = 298.15$									87T1
x_2	0.00	0.25	0.30	0.40	0.50	0.75	1.00		
$\eta /(\text{mPa s})$	0.891	2.661	2.671	2.597	2.509	2.157	1.968		
$T / \text{K} = 323.15$									87T1
x_2	0.00	0.25	0.30	0.40	0.50	0.75	1.00		
$\eta /(\text{mPa s})$	0.547	1.323	1.317	1.315	1.266	1.178	1.115		
A table is given in the original source 87T1 for pressures up to 110 MPa.									87T1
$T / ^\circ\text{C} = 20.0$									75W1
w_2	0.00	0.20	0.40	0.50	0.60	1.00			
$\eta /(\text{mPa s})$	1.002	2.217	3.013	3.175	3.184	2.212			
$T / ^\circ\text{C} = 50.0$									75W1
w_2	0.00	0.20	0.40	0.50	0.60	1.00			
$\eta /(\text{mPa s})$	0.547	0.917	1.212	1.288	1.314	1.121			
$T / ^\circ\text{C} = 80.0$									75W1
w_2	0.00	0.20	0.40	0.50	0.60	1.00			
$\eta /(\text{mPa s})$	0.355	0.519	0.652	0.685	0.696	0.627			

$T/^\circ\text{C} = 100.0$										75W1
w_2	0.00	0.20	0.40	0.50	0.60	1.00				
$\eta/(\text{mPa s})$	0.282	0.394	0.479	0.496	0.500	0.446				
A table is given in the original source 75W1 for pressures up to 50 MPa.										75W1
$T/^\circ\text{C} = 25.0$										71R1
x_2	0.0000	0.0058	0.0237	0.0461	0.0678	0.0976	0.1195	0.1833	0.2398	
$\eta/(\text{mPa s})$	0.8935	0.9625	1.225	1.552	1.820	2.164	2.263	2.576	2.682	
x_2	0.3108	0.3868	0.4791	0.6046	0.6916	0.8011	0.8967	1.0000		
$\eta/(\text{mPa s})$	2.702	2.643	2.511	2.342	2.236	2.129	2.039	1.965		
$T/^\circ\text{C} = 25.0$										63M1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.895	1.347	1.836	2.226	2.497	2.650	2.661	2.592	2.394	
w_2	0.90	0.95	1.00							
$\eta/(\text{mPa s})$	2.162	2.043	1.938							
$T/^\circ\text{C} = 30.0$										63M1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.800	1.164	1.546	1.868	2.101	2.237	2.259	2.216	2.071	
w_2	0.90	0.95	1.00							
$\eta/(\text{mPa s})$	1.891	1.805	1.723							
$T/^\circ\text{C} = 35.0$										63M1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.721	1.019	1.330	1.600	1.793	1.913	1.940	1.902	1.802	
w_2	0.90	0.95	1.00							
$\eta/(\text{mPa s})$	1.662	1.593	1.534							
$T/^\circ\text{C} = 40.0$										63M1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.654	0.902	1.159	1.384	1.545	1.655	1.682	1.651	1.574	
w_2	0.90	0.95	1.00							
$\eta/(\text{mPa s})$	1.467	1.414	1.379							
$T/^\circ\text{C} = 50.0$										63M1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.549	0.726	0.907	1.072	1.191	1.274	1.297	1.276	1.233	
w_2	0.90	0.95	1.00							
$\eta/(\text{mPa s})$	1.165	1.132	1.110							
$T/^\circ\text{C} = 30.0$										58L1
x_2	0.0000	0.0245	0.1019	0.2231	0.5773	0.7970	1.0000			
$\eta/(\text{mPa s})$	0.8004	1.069	1.793	2.346	2.054	1.861	1.728			
$T/^\circ\text{C} = 55.0$										58L1

x_2	0.0000	0.0245	0.1019	0.2231	0.5773	0.7970	1.0000		
$\eta /(\text{mPa s})$	0.5073	0.617	0.926	1.127	1.090	1.032	1.011		
$T / ^\circ\text{C} = 75.0$									58L1
x_2	0.0000	0.0245	0.0760	0.1019	0.2231	0.5773	0.7970	1.0000	
$\eta /(\text{mPa s})$	0.3806	0.445	0.572	0.625	0.740	0.725	0.693	0.682	
$T / ^\circ\text{C} = 20.0$									08D1
w_2	0.0000	0.1740	0.2862	0.5938	0.7313	1.0000			
$\eta /(\text{mPa s})$	1.002	2.012	2.548	3.148	2.938	2.180			
$T / ^\circ\text{C} = 25.0$									08D1
w_2	0.0000	0.1740	0.2862	0.5938	0.7313	1.0000			
$\eta /(\text{mPa s})$	0.891	1.679	2.118	2.652	2.509	1.936			
$T / ^\circ\text{C} = 30.0$									08D1
w_2	0.0000	0.1740	0.2862	0.5938	0.7313	1.0000			
$\eta /(\text{mPa s})$	0.798	1.440	1.812	2.306	2.169	1.736			
$T / ^\circ\text{C} = 25.0$									90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$v /(\text{mm}^2/\text{s})$	0.8950	2.2630	2.8884	3.0744	3.0703	2.9380	2.8308	2.6842	2.5709
x_2	0.90	1.00							
$v /(\text{mm}^2/\text{s})$	2.5200	2.4618							
$T / ^\circ\text{C} = 30.0$									82D1
x_2	0.0000	0.0553	0.0895	0.1323	0.1845	0.2618	0.3372	0.4762	0.5641
$v /(\text{mm}^2/\text{s})$	0.804	1.477	1.803	2.112	2.376	2.544	2.610	2.547	2.490
x_2	0.6686	0.8077	1.0000						
$v /(\text{mm}^2/\text{s})$	2.384	2.295	2.183						

182	H₂O (1)	C₃H₈O (2)	water						7732-18-5	
			propan-2-ol						67-63-0	
$T / \text{K} = 303.15$									98M1	
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.750	1.770	1.830	1.950	2.100	2.250	2.420	2.540	2.470	
x_1	0.9	1.0								
$\eta /(\text{mPa s})$	1.950	0.798								
$T / \text{K} = 323.15$									98M1	
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.020	1.030	1.080	1.110	1.210	1.260	1.370	1.370	1.370	
x_1	0.9	1.0								
$\eta /(\text{mPa s})$	1.140	0.547								
$T / \text{K} = 343.15$									98M1	

x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	0.650	0.648	0.655	0.693	0.731	0.775	0.826	0.871	0.846
x_1	0.9	1.0							
$\eta /(\text{mPa s})$	0.713	0.404							

Tables are given in the original source 98M1 for pressure up to 100 MPa.

98M1

$T / ^\circ\text{C} = 25.0$

90A4

x_1	0.0000	0.1220	0.2704	0.3885	0.4547	0.5130	0.6109	0.6901	0.7833
$\eta /(\text{mPa s})$	2.0158	2.1173	2.2980	2.5554	2.7252	2.8254	3.0863	3.2665	3.3054
x_1	0.8334	0.8956	0.9303	0.9678	1.0000				
$\eta /(\text{mPa s})$	3.0121	2.4865	2.0843	1.4497	0.8953				

$T / \text{K} = 298.15$

87T1

x_2	0.00	0.10	0.25	0.40	0.50	0.80	0.90	1.00	
$\eta /(\text{mPa s})$	0.891	2.440	3.049	2.865	2.630	2.104	2.031	2.036	

$T / \text{K} = 323.15$

87T1

x_2	0.00	0.10	0.25	0.40	0.50	0.80	0.90	1.00	
$\eta /(\text{mPa s})$	0.547	1.066	1.297	1.286	1.216	1.036	1.009	0.995	

A table is given in the original source 87T1 for pressures up to 69 MPa.

87T1

$T / ^\circ\text{C} = 20.0$

75W1

w_2	0.00	0.40	0.50	0.60	1.00				
$\eta /(\text{mPa s})$	1.002	3.645	3.802	3.735	2.432				

$T / ^\circ\text{C} = 50.0$

75W1

w_2	0.00	0.40	0.50	0.60	1.00				
$\eta /(\text{mPa s})$	0.547	1.300	1.375	1.387	1.042				

$T / ^\circ\text{C} = 80.0$

75W1

w_2	0.00	0.40	0.50	0.60	1.00				
$\eta /(\text{mPa s})$	0.355	0.665	0.694	0.695	0.524				

$T / ^\circ\text{C} = 100.0$

75W1

w_2	0.00	0.40	0.50	0.60	1.00				
$\eta /(\text{mPa s})$	0.282	0.479	0.494	0.488	0.354				

A table is given in the original source 75W1 for pressures up to 50 MPa.

75W1

$T / ^\circ\text{C} = 25.0$

69M1

x_1	0.0000	0.1049	0.2600	0.4678	0.6079	0.6850	0.7249	0.8050	0.8900
$\eta /(\text{mPa s})$	2.058	2.064	2.142	2.527	2.870	3.030	3.054	2.978	2.431
x_1	0.9549	1.0000							
$\eta /(\text{mPa s})$	1.655	0.877							

$T / ^\circ\text{C} = 30.0$

69M1

x_1	0.0000	0.1049	0.2600	0.4678	0.6079	0.6850	0.7249	0.8050	0.8900
$\eta /(\text{mPa s})$	1.781	1.789	1.863	2.158	2.439	2.550	2.557	2.451	2.007

x_1	0.9549	1.0000							
$\eta /(\text{mPa s})$	1.419	0.791							
$T/^\circ\text{C} = 35.0$									69M1
x_1	0.0000	0.1049	0.2600	0.4678	0.6079	0.6850	0.7249	0.8050	0.8900
$\eta /(\text{mPa s})$	1.547	1.560	1.616	1.856	2.072	2.169	2.178	2.088	1.675
x_1	0.9549	1.0000							
$\eta /(\text{mPa s})$	1.230	0.716							
$T/^\circ\text{C} = 40.0$									69M1
x_1	0.0000	0.1049	0.2600	0.4678	0.6079	0.6850	0.7249	0.8050	0.8900
$\eta /(\text{mPa s})$	1.347	1.365	1.412	1.604	1.788	1.855	1.858	1.781	1.447
x_1	0.9549	1.0000							
$\eta /(\text{mPa s})$	1.076	0.647							
$T/^\circ\text{C} = 45.0$									69M1
x_1	0.0000	0.1049	0.2600	0.4678	0.6079	0.6850	0.7249	0.8050	0.8900
$\eta /(\text{mPa s})$	1.178	1.182	1.237	1.397	1.561	1.604	1.598	1.539	1.255
x_1	0.9549	1.0000							
$\eta /(\text{mPa s})$	0.950	0.594							
$T/^\circ\text{C} = 20.0$									58H2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.004	1.649	2.529	3.241	3.617	3.783	3.703	3.423	3.028
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	2.585	2.410							
$T/^\circ\text{C} = 30.0$									58H2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.801	1.219	1.744	2.167	2.430	2.570	2.554	2.407	2.177
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	1.893	1.789							
$T/^\circ\text{C} = 20.0$									44I1
x_2	0.000	0.023	0.060	0.101	0.190	0.331	0.448	0.462	0.615
$\eta /(\text{mPa s})$	1.005	1.51	2.42	3.15	3.78	3.75	3.47	3.40	2.96
x_2	0.788	1.000							
$\eta /(\text{mPa s})$	2.60	2.47							
$T/^\circ\text{C} = 25.0$									38O1
w_2	0.0000	0.0755	0.1495	0.2520	0.3393	0.4408	0.5397	0.6481	0.7583
$\eta /(\text{mPa s})$	0.8995	1.28	1.73	2.32	2.77	3.01	3.10	3.01	2.71
w_2	0.8751	1.0000							
$\eta /(\text{mPa s})$	2.33	2.08							
$T/^\circ\text{C} = 25.0$									90S6

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\nu /(\text{mm}^2/\text{s})$	0.8950	2.5942	3.3129	3.5346	3.4555	3.2230	3.0249	2.8429	2.6951
x_2	0.90	1.00							
$\nu /(\text{mm}^2/\text{s})$	2.6541	2.6541							
$T/^\circ\text{C} = 20.0$									58H1
w_2	0.0000	0.1003	0.1983	0.2958	0.3963	0.4950	0.5967	0.6957	0.7923
$\nu /(\text{mm}^2/\text{s})$	1.006	1.679	2.592	3.381	3.876	4.166	4.200	3.999	3.660
w_2	0.8944	1.0000							
$\nu /(\text{mm}^2/\text{s})$	3.203	3.071							
$T/^\circ\text{C} = 25.0$									58H1
w_2	0.0000	0.1003	0.1983	0.2958	0.3963	0.4950	0.5967	0.6957	0.7923
$\nu /(\text{mm}^2/\text{s})$	0.896	1.437	2.149	2.747	3.164	3.424	3.484	3.345	3.105
w_2	0.8944	1.0000							
$\nu /(\text{mm}^2/\text{s})$	2.745	2.647							
$T/^\circ\text{C} = 30.0$									58H1
w_2	0.0000	0.1003	0.1983	0.2958	0.3963	0.4950	0.5967	0.6957	0.7923
$\nu /(\text{mm}^2/\text{s})$	0.804	1.248	1.797	2.282	2.622	2.854	2.927	2.838	2.665
w_2	0.8944	1.0000							
$\nu /(\text{mm}^2/\text{s})$	2.379	2.303							
183	H₂O (1)		water						7732-18-5
	C₃H₈O₂ (2)		2-methoxy-ethanol						109-86-4
$T/\text{K} = 298.15$									99D1, 99D2
x_2	0.056	0.136	0.262	0.486	1.000				
$\eta /(\text{mPa s})$	1.5165	2.3654	2.8849	2.5751	1.5414				
$T/\text{K} = 308.15$									99D1, 99D2
x_2	0.056	0.136	0.262	0.486	1.000				
$\eta /(\text{mPa s})$	1.1533	1.7280	2.1510	2.0213	1.2579				
$T/\text{K} = 318.15$									99D1, 99D2
x_2	0.056	0.136	0.262	0.486	1.000				
$\eta /(\text{mPa s})$	0.9051	1.2745	1.5878	1.6236	1.0400				
$T/\text{K} = 308.15$									96P3
x_2	0.0000	0.0461	0.0881	0.1239	0.1871	0.2442	0.2938	0.3260	0.3709
$\eta /(\text{mPa s})$	0.7190	1.143	1.520	1.829	2.124	2.283	2.341	2.342	2.319
x_2	0.4014	0.4504	0.4974	0.5691	0.6414	0.6928	0.7680	0.9214	1.0000
$\eta /(\text{mPa s})$	2.284	2.217	2.140	2.010	1.878	1.787	1.658	1.423	1.326
$T/\text{K} = 298.15$									95A5
x_1	0.0000	0.1049	0.2062	0.3055	0.3977	0.4976	0.6002	0.6964	0.8004

η /(mPa s)	1.507	1.671	1.860	2.064	2.288	2.538	2.755	2.866	2.680
x_1	0.9005	1.0000							
η /(mPa s)	1.989	0.891							
T /K = 308.15									94R1
x_1	0.0000	0.1034	0.1923	0.2978	0.3944	0.5527	0.6406	0.6672	0.7415
η /(mPa s)	1.189	1.452	1.477	1.629	1.768	1.918	2.023	2.023	2.002
x_1	0.8372	0.9560	1.0000						
η /(mPa s)	1.768	1.085	0.719						
T /°C = 25.0									93D1
x_2	0.0000	0.0834	0.1366	0.1500	0.2131	0.2601	0.3005	0.3558	0.4352
η /(mPa s)	0.890	1.894	2.365	2.442	2.768	2.876	2.904	2.886	2.751
x_2	0.5001	0.5219	0.6161	0.6806	0.7514	0.8181	0.8844	1.0000	
η /(mPa s)	2.616	2.571	2.367	2.232	2.076	1.930	1.786	1.541	
T /°C = 35.0									93D1
x_2	0.0000	0.0623	0.1500	0.2131	0.2601	0.3005	0.3558	0.4352	0.5001
η /(mPa s)	0.722	1.242	1.803	2.067	2.149	2.164	2.150	2.077	2.001
x_2	0.5219	0.6161	0.6806	0.7514	0.8181	0.8844	1.0000		
η /(mPa s)	1.960	1.818	1.726	1.624	1.526	1.443	1.258		
T /°C = 45.0									93D1
x_2	0.0000	0.0251	0.0623	0.1500	0.2131	0.2601	0.3005	0.3558	0.4352
η /(mPa s)	0.598	0.737	0.950	1.325	1.505	1.585	1.626	1.655	1.653
x_2	0.5001	0.5219	0.6161	0.6806	0.7514	0.8181	0.8844	1.0000	
η /(mPa s)	1.615	1.602	1.513	1.444	1.360	1.281	1.191	1.040	
T /°C = -10.0									93C3
x_1	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000	
ν /(mm ² /s)	7.211	9.831	11.08	12.79	10.98	9.814	6.167	3.594	
T /°C = -5.0									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
ν /(mm ² /s)	4.596	5.792	7.894	8.975	9.975	8.961	7.826	5.291	3.133
T /°C = 0.0									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
ν /(mm ² /s)	3.654	4.746	6.157	7.068	7.709	7.220	6.340	4.450	2.763
T /°C = 5.0									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
ν /(mm ² /s)	2.986	3.851	4.922	5.640	6.205	5.873	5.236	3.818	2.446
T /°C = 10.0									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
ν /(mm ² /s)	2.478	3.171	4.022	4.610	5.067	4.870	4.406	3.303	2.182

$T/^\circ\text{C} = 15.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	2.091	2.642	3.335	3.814	4.203	4.100	3.742	2.884	1.959
$T/^\circ\text{C} = 20.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	1.790	2.238	2.811	3.201	3.531	3.468	3.217	2.531	1.769
$T/^\circ\text{C} = 25.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	1.552	1.920	2.394	2.720	2.953	2.977	2.794	2.241	1.607
$T/^\circ\text{C} = 30.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	1.362	1.670	2.039	2.339	2.551	2.579	2.445	1.997	1.469
$T/^\circ\text{C} = 35.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	1.206	1.465	1.780	2.035	2.216	2.258	2.142	1.790	1.341
$T/^\circ\text{C} = 40.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	1.075	1.295	1.564	1.785	1.942	1.988	1.898	1.613	1.232
$T/^\circ\text{C} = 45.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	0.9586	1.157	1.393	1.580	1.727	1.768	1.698	1.459	1.137
$T/^\circ\text{C} = 50.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	0.8670	1.048	1.248	1.406	1.537	1.583	1.525	1.330	1.052
$T/^\circ\text{C} = 55.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	0.7904	0.9468	1.122	1.261	1.367	1.420	1.377	1.216	0.9781
$T/^\circ\text{C} = 60.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	0.7247	0.8625	1.002	1.139	1.233	1.284	1.249	1.128	0.9122
$T/^\circ\text{C} = 65.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	0.6677	0.7907	0.9292	1.040	1.120	1.169	1.149	1.033	0.8581
$T/^\circ\text{C} = 70.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	0.6191	0.7312	0.8633	0.9499	1.022	1.072	1.054	0.9580	0.7992
$T/^\circ\text{C} = 75.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	0.5774	0.6712	0.7941	0.8675	0.9649	0.9831	0.9834	0.8929	0.7504

$T/^\circ\text{C} = 80.0$									93C3
x_1	0.0543	0.0892	0.1327	0.1862	0.2565	0.3495	0.4793	0.6757	1.0000
$\nu/(\text{mm}^2/\text{s})$	0.5346	0.6110	0.7161	0.7927	0.9184	0.9309	0.9238	0.8383	0.7076
184	H₂O (1) C₃H₈O₂ (2)	water propane-1,2-diol						7732-18-5 57-55-6	
$T/^\circ\text{C} = 25.0$									85S2
w_2	0.00	0.20	0.40	0.75	0.90	1.00			
$\eta/(\text{mPa s})$	0.895	1.781	3.560	12.635	24.785	43.887			
185	H₂O (1) C₃H₈O₃ (2)	water propane-1,2,3-triol						7732-18-5 56-81-5	
$T/^\circ\text{C} = 20.0$									87M2
x_2	0.000	0.026	0.057	0.093	0.138	0.194			
$\eta/(\text{mPa s})$	1.002	1.307	1.952	2.817	4.618	7.693			
$T/^\circ\text{C} = 30.0$									87M2
x_2	0.000	0.026	0.057	0.093	0.138	0.194			
$\eta/(\text{mPa s})$	0.798	1.057	1.460	2.006	3.309	5.252			
$T/^\circ\text{C} = 40.0$									87M2
x_2	0.000	0.026	0.057	0.093	0.138	0.194			
$\eta/(\text{mPa s})$	0.653	0.843	1.086	1.465	2.226	3.499			
$T/^\circ\text{C} = 50.0$									87M2
x_2	0.000	0.026	0.057	0.093	0.138	0.194			
$\eta/(\text{mPa s})$	0.547	0.680	0.876	1.095	1.666	2.587			
$T/^\circ\text{C} = 0.0$									51S1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.65	0.67
$\eta/(\text{mPa s})$	1.792	2.44	3.44	5.14	8.25	14.6	29.9	45.7	55.5
w_2	0.70	0.75	0.80	0.85	0.90	0.91	0.92	0.93	0.94
$\eta/(\text{mPa s})$	76.0	132.	255.	540.	1310.	1590.	1950.	2400.	2930.
w_2	0.95	0.96	0.97	0.98	0.99	1.00			
$\eta/(\text{mPa s})$	3690.	4600.	5770.	7370.	9420.	12070.			
$T/^\circ\text{C} = 10.0$									51S1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.65	0.67
$\eta/(\text{mPa s})$	1.308	1.74	2.41	3.49	5.37	9.01	17.4	25.3	29.9
w_2	0.70	0.75	0.80	0.85	0.90	0.91	0.92	0.93	0.94
$\eta/(\text{mPa s})$	38.8	65.2	116.	223.	498.	592.	729.	860.	1040.
w_2	0.95	0.96	0.97	0.98	0.99	1.00			
$\eta/(\text{mPa s})$	1270.	1585.	1950.	2460.	3090.	3900.			

$T/^\circ\text{C} = 20.0$									51S1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.65	0.70	0.75
$\eta/(\text{mPa s})$	1.31	1.76	2.50	3.72	6.00	10.8	15.2	22.5	35.5
w_2	0.80	0.85	0.90	0.91	0.92	0.93	0.94	0.95	0.96
$\eta/(\text{mPa s})$	60.1	109.	219.	259.	310.	367.	437.	523.	624.
w_2	0.97	0.98	0.99	1.00					
$\eta/(\text{mPa s})$	765.	939.	1150.	1412.					
$T/^\circ\text{C} = 30.0$									51S1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.65	0.70	0.75
$\eta/(\text{mPa s})$	1.03	1.25	1.87	2.72	4.21	7.19	9.85	14.1	21.2
w_2	0.80	0.85	0.90	0.91	0.92	0.93	0.94	0.95	0.96
$\eta/(\text{mPa s})$	33.9	58.0	109.	127.	147.	172.	202.	237.	281.
w_2	0.97	0.98	0.99	1.00					
$\eta/(\text{mPa s})$	340.	409.	500.	612.					
$T/^\circ\text{C} = 40.0$									51S1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.65	0.67
$\eta/(\text{mPa s})$	0.6560	0.826	1.07	1.46	2.07	3.10	5.08	6.80	7.73
w_2	0.70	0.75	0.80	0.85	0.90	0.91	0.92	0.93	0.94
$\eta/(\text{mPa s})$	9.40	13.6	20.8	33.5	60.0	68.1	78.3	89.0	105.
w_2	0.95	0.96	0.97	0.98	0.99	1.00			
$\eta/(\text{mPa s})$	121.	142.	166.	196.	235.	284.			
$T/^\circ\text{C} = 50.0$									51S1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.65	0.67
$\eta/(\text{mPa s})$	0.5494	0.680	0.879	1.16	1.62	2.37	3.76	4.89	5.50
w_2	0.70	0.75	0.80	0.85	0.90	0.91	0.92	0.93	0.94
$\eta/(\text{mPa s})$	6.61	9.25	13.6	21.2	35.5	39.8	44.8	51.5	58.4
w_2	0.95	0.96	0.97	0.98	0.99	1.00			
$\eta/(\text{mPa s})$	67.0	77.8	88.9	104.	122.	142.			
$T/^\circ\text{C} = 60.0$									51S1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.65	0.67
$\eta/(\text{mPa s})$	0.4688	0.575	0.731	0.956	1.30	1.86	2.85	3.66	4.09
w_2	0.70	0.75	0.80	0.85	0.90	0.91	0.92	0.93	0.94
$\eta/(\text{mPa s})$	4.86	6.61	9.42	14.2	22.5	25.1	28.0	31.6	35.4
w_2	0.95	0.96	0.97	0.98	0.99	1.00			
$\eta/(\text{mPa s})$	39.9	45.5	51.9	59.8	69.1	81.3			
$T/^\circ\text{C} = 70.0$									51S1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.65	0.67
$\eta/(\text{mPa s})$	0.4061	0.500	0.635	0.816	1.09	1.53	2.29	2.91	3.23
w_2	0.70	0.75	0.80	0.85	0.90	0.91	0.92	0.93	0.94
$\eta/(\text{mPa s})$	3.78	5.01	6.94	10.0	15.5	17.1	19.0	21.2	23.6

w_2	0.95	0.96	0.97	0.98	0.99	1.00				
$\eta /(\text{mPa s})$	26.4	29.7	33.6	38.5	43.6	50.6				
$T/^\circ\text{C} = 80.0$										51S1
w_2	0.00	0.30	0.40	0.50	0.60	0.65	0.67	0.70	0.75	
$\eta /(\text{mPa s})$	0.3565	0.690	0.918	1.25	1.84	2.28	2.50	2.90	3.80	
w_2	0.80	0.85	0.90	0.91	0.92	0.93	0.94	0.95	0.96	
$\eta /(\text{mPa s})$	5.13	7.28	11.0	11.9	13.1	14.4	15.8	17.5	19.6	
w_2	0.97	0.98	0.99	1.00						
$\eta /(\text{mPa s})$	21.9	24.8	27.8	31.9						
$T/^\circ\text{C} = 90.0$										51S1
w_2	0.00	0.40	0.50	0.60	0.65	0.67	0.70	0.75	0.80	
$\eta /(\text{mPa s})$	0.3165	0.763	1.05	1.52	1.86	2.03	2.34	3.00	4.03	
w_2	0.85	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	
$\eta /(\text{mPa s})$	5.52	7.93	8.62	9.46	10.3	11.2	12.4	13.6	15.1	
w_2	0.98	0.99	1.00							
$\eta /(\text{mPa s})$	17.0	19.0	21.3							
$T/^\circ\text{C} = 100.0$										51S1
w_2	0.00	0.40	0.50	0.60	0.65	0.67	0.70	0.75	0.80	
$\eta /(\text{mPa s})$	0.2838	0.668	0.910	1.28	1.55	1.68	1.93	2.43	3.18	
w_2	0.85	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	
$\eta /(\text{mPa s})$	4.24	6.00	6.40	6.82	7.54	8.19	9.08	10.1	10.9	
w_2	0.98	0.99	1.00							
$\eta /(\text{mPa s})$	12.2	13.2	14.8							
$T/^\circ\text{C} = 25.0$										36E2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta /(\text{mPa s})$	0.893	1.09	1.54	2.14	3.18	5.34	9.38	18.5	55.8	
w_2	0.90	1.00								
$\eta /(\text{mPa s})$	155.6	934.0								
$T/^\circ\text{C} = 20.0$										32S1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.65	0.70	0.75	
$\eta /(\text{mPa s})$	1.311	1.769	2.501	3.750	6.050	10.96	15.54	22.94	36.46	
w_2	0.80	0.85	0.90	0.91	0.92	0.93	0.94	0.95	0.96	
$\eta /(\text{mPa s})$	62.0	112.9	234.6	278.4	328.4	387.7	457.7	543.	661.	
w_2	0.97	0.98	0.99	1.00						
$\eta /(\text{mPa s})$	805.	974.	1197.	1499.						
$T/^\circ\text{C} = 25.0$										32S1
w_2	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	
$\eta /(\text{mPa s})$	0.893	0.912	0.935	0.959	0.984	1.010	1.037	1.064	1.092	
w_2	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	

η /(mPa s)	1.121	1.153	1.186	1.221	1.256	1.292	1.331	1.370	1.411
w_2	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.26
η /(mPa s)	1.453	1.495	1.542	1.592	1.644	1.699	1.754	1.810	1.870
w_2	0.27	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35
η /(mPa s)	1.934	2.008	2.082	2.157	2.235	2.318	2.407	2.502	2.600
w_2	0.36	0.37	0.38	0.39	0.40	0.41	0.42	0.43	0.44
η /(mPa s)	2.706	2.817	2.932	3.052	3.181	3.319	3.466	3.624	3.787
w_2	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.52	0.53
η /(mPa s)	3.967	4.165	4.367	4.751	4.787	5.041	5.319	5.597	5.910
w_2	0.54	0.55	0.56	0.57	0.58	0.59	0.60	0.61	0.62
η /(mPa s)	6.230	6.582	6.963	7.394	7.830	8.312	8.823	9.428	10.11
w_2	0.63	0.64	0.65	0.66	0.67	0.68	0.69	0.70	0.71
η /(mPa s)	10.83	11.57	12.36	13.22	14.88	15.33	16.62	17.96	19.53
w_2	0.72	0.73	0.74	0.75	0.76	0.77	0.78	0.79	0.80
η /(mPa s)	21.29	23.28	25.46	27.73	30.56	33.58	37.28	41.14	45.86
w_2	0.81	0.82	0.83	0.84	0.85	0.86	0.87	0.88	0.89
η /(mPa s)	51.02	56.90	64.2	72.2	81.5	92.6	106.1	122.6	141.8
w_2	0.90	0.91	0.92	0.93	0.94	0.95	0.96	0.97	0.98
η /(mPa s)	163.6	189.3	221.8	262.9	308.7	366.0	435.0	522.9	629.
w_2	0.99	0.995	1.00						
η /(mPa s)	775.	856.	945.5						
$T/^\circ\text{C} = 30.0$									32S1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.65	0.70	0.75
η /(mPa s)	1.024	1.360	1.876	2.731	4.247	7.312	10.02	14.32	21.68
w_2	0.80	0.85	0.90	0.91	0.92	0.93	0.94	0.95	0.96
η /(mPa s)	34.92	60.05	115.3	134.4	156.5	182.8	212.0	248.8	296.7
w_2	0.97	0.98	0.99	1.00					
η /(mPa s)	354.	424.	511.	624.					
$T/^\circ\text{C} = 1.0$									29C1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.85
η /(mPa s)	2.42	3.32	4.62	7.52	12.52	22.82	59.2	174.2	330.2
w_2	0.90								
η /(mPa s)	726.2								
$T/^\circ\text{C} = 10.0$									29C1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.85
η /(mPa s)	1.80	2.40	3.40	5.50	8.80	16.0	40.0	116.0	202.0
w_2	0.90	0.92							
η /(mPa s)	424.0	680.0							
$T/^\circ\text{C} = 15.0$									29C1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.85

η /(mPa s)	1.50	2.10	2.90	4.60	7.10	12.7	30.6	84.0	144.0
w_2	0.90	0.92							
η /(mPa s)	289.0	425.0							
$T/^\circ\text{C} = 20.0$									29C1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.31	1.30	1.80	2.50	3.90	5.90	10.3	24.2	64.0
w_2	0.85	0.90	0.92	0.992					
η /(mPa s)	100.0	195.0	284.0	1391.					
$T/^\circ\text{C} = 30.0$									29C1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.821	1.00	1.40	1.90	2.80	4.20	7.10	15.2	35.0
w_2	0.85	0.90	0.92	0.992					
η /(mPa s)	54.0	99.0	150.0	511.1					
$T/^\circ\text{C} = 40.0$									29C1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.671	0.84	1.10	1.50	2.10	3.00	5.00	9.30	20.0
w_2	0.85	0.90	0.92	0.992					
η /(mPa s)	32.0	57.0	73.0	268.1					
$T/^\circ\text{C} = 50.0$									29C1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.551	0.70	0.80	1.20	1.60	2.30	3.70	6.70	13.0
w_2	0.85	0.90	0.92	0.95	0.992				
η /(mPa s)	20.0	34.0	43.0	64.5	175.1				
$T/^\circ\text{C} = 60.0$									29C1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.461	0.58	0.72	0.95	1.20	1.80	2.80	4.80	9.70
w_2	0.85	0.90	0.92	0.95	0.992				
η /(mPa s)	13.0	21.0	27.0	42.3	124.1				
$T/^\circ\text{C} = 70.0$									29C1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.401	0.50	0.61	0.78	1.00	1.40	2.20	3.60	6.60
w_2	0.85	0.90	0.92	0.95	0.992				
η /(mPa s)	8.70	13.0	16.0	27.3	53.0				
$T/^\circ\text{C} = 80.0$									29C1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.351	0.43	0.53	0.67	0.86	1.20	1.90	2.90	4.20
w_2	0.85	0.90	0.92	0.95	0.992				
η /(mPa s)	6.40	9.20	11.0	17.3	33.1				
$x_2 = 0.0$									94S2

$T/^\circ\text{C}$	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0
$\nu/(\text{mm}^2/\text{s})$	1.31	1.15	1.01	0.897	0.803	0.724	0.685	0.603	0.556
$x_2 = 0.1$									94S2
$T/^\circ\text{C}$	10.0	15.0	20.1	25.1	29.9	35.0	40.1	44.8	49.9
$\nu/(\text{mm}^2/\text{s})$	1.67	1.45	1.27	1.13	1.04	0.919	0.829	0.762	0.700
$x_2 = 0.2$									94S2
$T/^\circ\text{C}$	10.1	15.0	20.1	24.9	29.9	35.0	40.0	44.8	49.9
$\nu/(\text{mm}^2/\text{s})$	2.26	1.96	1.68	1.49	1.32	1.17	1.05	0.963	0.873
$x_2 = 0.3$									94S2
$T/^\circ\text{C}$	10.0	15.0	19.9	25.0	29.9	35.0	40.1	44.8	49.9
$\nu/(\text{mm}^2/\text{s})$	3.15	2.68	2.32	2.00	1.76	1.55	1.38	1.25	1.12
$x_2 = 0.4$									94S2
$T/^\circ\text{C}$	10.1	15.0	20.1	25.3	30.1	35.3	39.7	44.8	49.9
$\nu/(\text{mm}^2/\text{s})$	4.84	3.89	3.42	2.84	2.48	2.14	1.92	1.68	1.51
$x_2 = 0.5$									94S2
$T/^\circ\text{C}$	10.0	15.0	19.9	25.0	29.9	35.1	40.2	45.1	50.1
$\nu/(\text{mm}^2/\text{s})$	7.78	6.23	5.26	4.32	3.79	3.21	2.79	2.44	2.14
$x_2 = 0.6$									94S2
$T/^\circ\text{C}$	10.0	15.0	20.1	25.1	30.2	35.3	40.1	45.1	50.1
$\nu/(\text{mm}^2/\text{s})$	14.6	11.2	9.17	7.30	6.06	5.00	4.29	3.66	3.18
$x_2 = 0.7$									94S2
$T/^\circ\text{C}$	10.1	15.0	20.3	25.0	30.0	34.9	40.3	45.1	50.2
$\nu/(\text{mm}^2/\text{s})$	33.1	24.2	18.6	14.9	12.1	9.86	8.08	6.86	5.69
$x_2 = 0.8$									94S2
$T/^\circ\text{C}$	10.0	15.1	20.1	24.9	30.0	35.0	40.0	45.0	50.0
$\nu/(\text{mm}^2/\text{s})$	92.4	63.9	46.3	36.9	30.3	21.6	17.1	13.8	11.3
$x_2 = 0.9$									94S2
$T/^\circ\text{C}$	10.2	15.0	20.3	25.0	30.0	35.0	40.0	45.0	50.0
$\nu/(\text{mm}^2/\text{s})$	405.	264.	186.	122.	88.8	65.2	48.8	37.3	29.1
$x_2 = 0.95$									94S2
$T/^\circ\text{C}$	10.1	15.0	20.1	24.9	30.0	35.0	40.0	45.2	49.8
$\nu/(\text{mm}^2/\text{s})$	990.	640.	427.	283.	194.	137.	95.4	69.8	54.2
$x_2 = 1.0$									94S2
$T/^\circ\text{C}$	10.0	15.1	20.1	25.0	29.8	35.1	40.2	45.1	50.1
$\nu/(\text{mm}^2/\text{s})$	2950.	1810.	1160.	714.	475.	312.	216.	156.	114.

186 **H₂O (1)** **water**
 C₃H₇NO₂S (2) **N,N-dimethyl-methanesulfonamide**

7732-18-5
918-05-8

$T/^\circ\text{C} = 60.0$

75V1

x_2	0.000	0.100	0.200	0.300	0.400	0.499	0.600	0.700	0.799
η /(mPa s)	0.4699	0.78	1.04	1.24	1.40	1.55	1.68	1.83	2.00
x_2	0.900	1.000							
η /(mPa s)	2.20	2.44							

187	H₂O (1)		water						7732-18-5
	C₄H₄O₄ (2)		<i>cis</i> -butenedioic acid						110-16-7
T /°C = 25.0									86G3
w_2	0.1008	0.1961	0.2998	0.4015					
η /(mPa s)	1.092	1.349	1.775	2.459					
T /°C = 40.0									86G3
w_2	0.1008	0.1961	0.2998	0.4015	0.5222				
η /(mPa s)	0.792	0.968	1.255	1.702	2.540				
T /°C = 60.0									86G3
w_2	0.1008	0.1961	0.2998	0.4015	0.5222	0.6100			
η /(mPa s)	0.595	0.696	0.861	1.115	1.571	2.245			
T /°C = 80.0									86G3
w_2	0.1008	0.1961	0.2998	0.4015	0.5222	0.6100			
η /(mPa s)	0.450	0.528	0.649	0.832	1.144	1.557			
T /°C = 90.0									86G3
w_2	0.1008	0.1961	0.2998	0.4015	0.5222	0.6100	0.7207		
η /(mPa s)	0.408	0.477	0.584	0.741	1.099	1.357	2.080		

188	H₂O (1)		water						7732-18-5
	C₄H₆N₂ (2)		3-methyl-1H-pyrazole						1453-58-3
T /°C = 20.0									73G1
x_2	0.0000	0.0860	0.1277	0.1797	0.2486	0.3378	0.4633	0.6550	0.8328
η /(mPa s)	1.005	2.109	2.652	2.789	3.946	4.949	6.530	9.393	12.906
x_2	1.0000								
η /(mPa s)	15.479								
T /°C = 30.0									73G1
x_2	0.0000	0.0860	0.1277	0.1797	0.2486	0.3378	0.4633	0.6550	0.8328
η /(mPa s)	0.801	1.566	1.937	2.336	2.830	3.435	4.382	6.025	7.837
x_2	1.0000								
η /(mPa s)	9.438								
T /°C = 40.0									73G1
x_2	0.0000	0.0860	0.1277	0.1797	0.2486	0.3378	0.4633	0.6550	0.8328
η /(mPa s)	0.656	1.212	1.472	1.770	2.113	2.516	2.652	3.666	5.167

x_2	1.0000								
$\eta /(\text{mPa s})$	6.182								
$T / ^\circ\text{C} = 50.0$									73G1
x_2	0.0000	0.0860	0.1277	0.1797	0.2486	0.3378	0.4633	0.6550	0.8328
$\eta /(\text{mPa s})$	0.549	0.969	1.166	1.370	1.617	1.936	2.374	2.582	3.699
x_2	1.0000								
$\eta /(\text{mPa s})$	4.259								
$T / ^\circ\text{C} = 60.0$									73G1
x_2	0.0000	0.0860	0.1277	0.1797	0.2486	0.3378	0.4633	0.6550	0.8328
$\eta /(\text{mPa s})$	0.469	0.811	0.942	1.106	1.290	1.518	1.833	2.301	2.761
x_2	1.0000								
$\eta /(\text{mPa s})$	3.170								
$T / ^\circ\text{C} = 70.0$									73G1
x_2	0.0000	0.0860	0.1277	0.1797	0.2486	0.3378	0.4633	0.6550	0.8328
$\eta /(\text{mPa s})$	0.406	0.664	0.779	0.912	1.059	1.223	1.472	1.833	2.143
x_2	1.0000								
$\eta /(\text{mPa s})$	2.426								
$T / ^\circ\text{C} = 80.0$									73G1
x_2	0.0000	0.0860	0.1277	0.1797	0.2486	0.3378	0.4633	0.6550	0.8328
$\eta /(\text{mPa s})$	0.356	0.576	0.663	0.769	0.881	1.017	1.209	1.467	1.696
x_2	1.0000								
$\eta /(\text{mPa s})$	1.932								
189	H₂O (1)		water						7732-18-5
	C₄H₆O₂ (2)		dihydro-furan-2-one						96-48-0
$T / \text{K} = 303.15$									89R2
x_1	0.0000	0.0898	0.2337	0.6207	0.9031	1.0000			
$\eta /(\text{mPa s})$	1.6097	1.5598	1.5946	1.6736	1.2572	0.7967			
$T / \text{K} = 313.15$									89R2
x_1	0.0000	0.0898	0.2337	0.6207	0.9031	1.0000			
$\eta /(\text{mPa s})$	1.3901	1.3391	1.3492	1.3485	1.0049	0.6522			
$T / \text{K} = 323.15$									89R2
x_1	0.0000	0.0898	0.2337	0.6207	0.9031	1.0000			
$\eta /(\text{mPa s})$	1.2131	1.1635	1.1594	1.1116	0.8246	0.5470			
$T / \text{K} = 333.15$									89R2
x_1	0.0000	0.0898	0.2337	0.6207	0.9031	1.0000			
$\eta /(\text{mPa s})$	1.0766	1.0389	1.0129	0.9330	0.6901	0.4689			
$T / \text{K} = 343.15$									89R2
x_1	0.0000	0.0898	0.2337	0.6207	0.9031	1.0000			

η /(mPa s)	0.9513	0.9055	0.8893	0.7994	0.5875	0.4097			
T /°C = 25.0									80W1
x_2	0.0000	0.1048	0.1829	0.1974	0.2948	0.3890	0.4601	0.5507	0.6597
η /(mPa s)	0.8903	1.4622	1.7035	1.7359	1.8579	1.8777	1.8499	1.8117	1.7455
x_2	0.7135	0.8553	0.9081	1.0000					
η /(mPa s)	1.6963	1.6741	1.6861	1.7315					

190	H₂O (1)		water					7732-18-5	
	C₄H₆O₃ (2)		acetic acid anhydride					108-24-7	
T /°C = 25.0									56K2
x_2	0.00	0.20	0.40	0.45	0.50	0.60	0.80	1.00	
η /(mPa s)	0.894	2.189	1.852	1.497	1.193	1.059	0.936	0.842	
T /°C = 40.0									56K2
x_2	0.00	0.20	0.40	0.45	0.50	0.60	0.80	1.00	
η /(mPa s)	0.656	1.484	1.294	1.104	0.921	0.835	0.735	0.693	
T /°C = 0.0									12F1
x_1	0.00	0.35	0.50	0.60	0.70	0.75	0.85	1.00	
η /(mPa s)	1.24	1.47	1.95	4.44	5.11	5.01	4.40	1.76	
T /°C = 18.0									12F1
x_1	0.00	0.35	0.50	0.60	0.70	0.75	0.85	1.00	
η /(mPa s)	0.90	1.10	1.41	2.18	2.71	2.74	2.31	1.10	
T /°C = 73.0									12F1
x_1	0.00	0.35	0.50	0.60	0.70	0.75	0.85	1.00	
η /(mPa s)	0.49	0.595	0.67	0.83	0.925	0.91	0.755	0.41	

191	H₂O (1)		water					7732-18-5	
	C₄H₆O₃ (2)		4-methyl-1,3-dioxolan-2-one					108-32-7	
T /°C = 25.0									72C1
x_2	0.70	0.80	0.85	0.90	0.925	0.95	0.975	1.00	
η /(mPa s)	2.1360	2.1767	2.2153	2.2911	2.3279	2.3707	2.4518	2.5029	

192	H₂O (1)		water					7732-18-5	
	C₄H₇NO (2)		3-methoxy-propionitrile					110-67-8	
T /°C = 40.0									78L1
x_2	0.0000	0.0230	0.0667	0.1031	0.2056	0.2410	0.2822	0.3884	
ν /(mm ² /s)	0.6611	0.7682	0.9314	1.0277	1.2811	1.3242	1.2426	1.0966	
x_2	0.4495	0.5362	0.6558	0.8009	1.0000				

$v/(mm^2/s)$	1.0548	1.0089	0.9544	0.9194	0.9400				
$T/^\circ C = 60.0$									78L1
x_2	0.0000	0.0230	0.0667	0.1031	0.1747	0.2056	0.2410	0.2822	0.3884
$v/(mm^2/s)$	0.4768	0.5456	0.6473	0.7093	0.7869	0.8067	0.8159	0.8106	0.7910
x_2	0.4495	0.5362	0.6558	0.8009	1.0000				
$v/(mm^2/s)$	0.7714	0.7531	0.7290	0.7167	0.7430				
$T/^\circ C = 80.0$									78L1
x_2	0.0000	0.0230	0.0667	0.1031	0.1747	0.2056	0.2410	0.2822	0.3884
$v/(mm^2/s)$	0.3668	0.4174	0.4853	0.5321	0.5860	0.5983	0.6081	0.6075	0.6025
x_2	0.4495	0.5362	0.6558	0.8009	1.0000				
$v/(mm^2/s)$	0.6006	0.5930	0.5834	0.5831	0.6080				
193	H₂O (1) C₄H₇NO (2)		water pyrrolidin-2-one						7732-18-5 616-45-5
$T/K = 298.15$									97G1
x_2	0.00000	0.04746	0.07877	0.10899	0.14885	0.20524	0.26804	0.29126	0.3446
$\eta/(mPa\ s)$	0.890	1.48	1.91	2.43	3.14	4.33	5.72	6.21	7.34
x_2	0.43133	0.50128	0.55598	0.60216	0.66992	0.73352	0.84606	0.91427	1.0000
$\eta/(mPa\ s)$	8.94	10.0	10.7	11.1	11.6	12.0	12.5	12.8	13.1
194	H₂O (1) C₄H₈O (2)		water butan-2-one						7732-18-5 78-93-3
$T/^\circ C = 25.0$									86K1
w_2	0.000	0.100	0.200	0.920	1.000				
η/η_{water}	1.000	1.260	1.517	0.557	0.424				
195	H₂O (1) C₄H₈O (2)		water tetrahydro-furan						7732-18-5 109-99-9
$T/K = 298.15$									95A5
x_1	0.0000	0.1110	0.1970	0.3027	0.4036	0.5028	0.6047	0.7032	0.8017
$\eta/(mPa\ s)$	0.481	0.515	0.565	0.650	0.763	0.916	1.129	1.394	1.651
x_1	0.9013	1.0000							
$\eta/(mPa\ s)$	1.665	0.891							
$T/K = 298.15$									94D1
x_2	0.0000	0.0271	0.0587	0.0967	0.1427	0.1998	0.2726	0.3682	0.4500
$\eta/(mPa\ s)$	0.890	1.201	1.490	1.680	1.732	1.678	1.490	1.224	1.024
x_2	0.4998	0.6000	0.6921	0.7500	0.8000	0.9000	1.0000		
$\eta/(mPa\ s)$	0.924	0.758	0.656	0.608	0.579	0.516	0.463		

$T/K = 308.15$									94D1
x_2	0.0000	0.0587	0.0967	0.1427	0.1998	0.2726	0.3682	0.4500	0.4998
$\eta /(\text{mPa s})$	0.722	1.133	1.267	1.323	1.293	1.189	0.989	0.852	0.784
x_2	0.6000	0.6921	0.7500	0.8000	0.9000	1.0000			
$\eta /(\text{mPa s})$	0.653	0.572	0.539	0.512	0.472	0.428			
$T/K = 318.15$									94D1
x_2	0.0000	0.0271	0.0587	0.0967	0.1427	0.1998	0.2726	0.3682	0.4500
$\eta /(\text{mPa s})$	0.598	0.752	0.897	0.997	1.045	1.036	0.959	0.830	0.714
x_2	0.4998	0.6000	0.6921	0.7500	0.8000	0.9000	1.0000		
$\eta /(\text{mPa s})$	0.661	0.564	0.506	0.473	0.452	0.422	0.390		
$T/^\circ\text{C} = 20.0$									91W1
x_2	0.000	0.056	0.077	0.100	0.143	0.200	0.250	0.300	0.330
$\eta /(\text{mPa s})$	1.010	1.602	1.706	1.901	2.020	1.978	1.864	1.701	1.611
x_2	0.400	0.500	0.600	0.670	0.700	0.750	0.800	0.900	1.000
$\eta /(\text{mPa s})$	1.422	1.199	1.009	0.919	0.862	0.808	0.758	0.675	0.634
$T/^\circ\text{C} = 25.0$									91W1
x_2	0.000	0.056	0.077	0.100	0.143	0.200	0.250	0.300	0.330
$\eta /(\text{mPa s})$	0.894	1.388	1.542	1.768	1.835	1.793	1.660	1.528	1.444
x_2	0.400	0.500	0.600	0.670	0.700	0.750	0.800	0.900	1.000
$\eta /(\text{mPa s})$	1.273	1.071	0.901	0.818	0.777	0.721	0.671	0.592	0.546
$T/^\circ\text{C} = 30.0$									91W1
x_2	0.000	0.056	0.077	0.100	0.143	0.200	0.250	0.300	0.330
$\eta /(\text{mPa s})$	0.807	1.110	1.399	1.599	1.663	1.612	1.482	1.368	1.300
x_2	0.400	0.500	0.600	0.670	0.700	0.750	0.800	0.900	1.000
$\eta /(\text{mPa s})$	1.162	0.990	0.843	0.777	0.734	0.683	0.642	0.581	0.539
$T/K = 278.15$									89R2
x_1	0.0000	0.1077	0.3124	0.7010	0.8954	1.0000			
$\eta /(\text{mPa s})$	2.546	2.070	1.494	0.827	0.639	0.564			
$T/K = 283.15$									89R2
x_1	0.0000	0.1077	0.3124	0.7010	0.8954	1.0000			
$\eta /(\text{mPa s})$	2.285	1.877	1.367	0.772	0.602	0.534			
$T/K = 288.15$									89R2
x_1	0.0000	0.1077	0.3124	0.7010	0.8954	1.0000			
$\eta /(\text{mPa s})$	2.072	1.717	1.261	0.724	0.569	0.506			
$T/K = 293.15$									89R2
x_1	0.0000	0.1077	0.3124	0.7010	0.8954	1.0000			
$\eta /(\text{mPa s})$	1.892	1.583	1.172	0.682	0.539	0.480			
$T/K = 298.15$									89R2
x_1	0.0000	0.1077	0.3124	0.7010	0.8954	1.0000			

η /(mPa s)	1.738	1.462	1.089	0.641	0.510	0.454			
T /K = 303.15									89V1
x_2	0.0000	0.0485	0.1010	0.1479	0.2006	0.3276	0.4903	0.6398	0.7728
η /(mPa s)	0.793	1.217	1.381	1.425	1.366	1.098	0.853	0.674	0.565
x_2	0.9015	0.9491	1.0000						
η /(mPa s)	0.500	0.484	0.469						
T /°C = 20.0									88N4
x_2	0.00	0.025	0.05	0.075	0.10	0.15	0.20	0.25	0.30
η /(mPa s)	1.002	1.337	1.632	1.856	1.989	2.051	1.961	1.805	1.598
x_2	0.35	0.40							
η /(mPa s)	1.461	1.298							
T /°C = 25.0									88N4
x_2	0.00	0.025	0.05	0.075	0.10	0.15	0.20	0.25	0.30
η /(mPa s)	0.8903	1.172	1.415	1.593	1.704	1.752	1.715	1.597	1.419
x_2	0.35	0.40							
η /(mPa s)	1.299	1.160							
T /°C = 30.0									88N4
x_2	0.00	0.025	0.05	0.075	0.10	0.15	0.20	0.25	0.30
η /(mPa s)	0.7975	1.022	1.219	1.366	1.496	1.505	1.457	1.402	1.279
x_2	0.35	0.40							
η /(mPa s)	1.162	1.049							
T /°C = 25.0									82L1
x_2	0.000	0.024	0.052	0.086	0.129	0.181	0.249	0.340	0.469
η /(mPa s)	0.9040	1.1686	1.4129	1.6535	1.7579	1.7425	1.6398	1.3708	1.0638
x_2	0.665	0.826	0.924	1.000					
η /(mPa s)	0.7330	0.6233	0.5527	0.4900					
T /°C = 30.0									82L1
x_2	0.000	0.024	0.052	0.086	0.129	0.181	0.249	0.340	0.469
η /(mPa s)	0.8007	1.0367	1.2563	1.4369	1.5216	1.5123	1.4058	1.2100	0.9533
x_2	0.665	0.826	0.924	1.000					
η /(mPa s)	0.6828	0.5647	0.5093	0.4688					
T /°C = 40.0									82L1
x_2	0.000	0.024	0.052	0.086	0.129	0.181	0.249	0.340	0.469
η /(mPa s)	0.6560	0.8301	0.9714	1.1053	1.1984	1.1854	1.1191	0.9884	0.8056
x_2	0.665	0.826	0.924	1.000					
η /(mPa s)	0.5933	0.5813	0.4663	0.4324					
T /°C = 45.0									82L1
x_2	0.000	0.024	0.052	0.086	0.129	0.181	0.249	0.340	0.469
η /(mPa s)	0.6198	0.7488	0.8599	0.9842	1.0485	1.0765	1.0174	0.9134	0.7453

x_2	0.665	0.826	0.924	1.000					
η /(mPa s)	0.5644	0.4889	0.4436	0.4109					
$T/^\circ\text{C} = 25.0$									
x_2	0.0000	0.0423	0.0812	0.1809	0.3559	0.5248	0.7342	0.8468	0.9992
η /(mPa s)	0.8940	1.362	1.647	1.741	1.285	0.892	0.638	0.554	0.470
x_2	1.0000								
η /(mPa s)	0.4695								
$T/^\circ\text{C} = 25.0$									
x_2	0.000	0.013	0.042	0.097	0.143	0.200	0.273	0.368	0.500
η /(mPa s)	0.895	1.042	1.381	1.710	1.786	1.718	1.527	1.259	0.959
x_2	0.692	0.826	0.890	0.924	1.000				
η /(mPa s)	0.678	0.552	0.511	0.493	0.461				
196	H₂O (1)		water						7732-18-5
	C₄H₈O₂ (2)		acetic acid ethyl ester						141-78-6
$T/^\circ\text{C} = 25.0$									
w_2	0.00000	0.00676	0.00892	0.01815	0.03041	0.03284	0.04809	0.06170	
η /(mPa s)	0.8949	0.9095	0.9129	0.9354	0.9652	0.9678	1.0043	1.0357	26C1
w_2	0.97541	0.98342	0.99110	1.00000					
η /(mPa s)	0.4495	0.4395	0.4312	0.4244					
197	H₂O (1)		water						7732-18-5
	C₄H₈O₂ (2)		butyric acid						107-92-6
$T/^\circ\text{C} = 20.0$									
w_2	0.10	0.30	0.50	1.00					58T1
η /(mPa s)	1.36	2.23	3.13	1.60					
$T/^\circ\text{C} = 40.0$									
w_2	0.10	0.30	0.50	1.00					58T1
η /(mPa s)	0.85	1.33	1.79	1.18					
$T/^\circ\text{C} = 60.0$									
w_2	0.10	0.30	0.50	1.00					58T1
η /(mPa s)	0.63	0.90	1.20	0.91					
$T/^\circ\text{C} = 20.0$									
x_2	0.000	0.015	0.034	0.078	0.165	0.316	0.497	0.664	1.000
η /(mPa s)	1.005	1.31	1.64	2.41	3.24	3.71	3.60	3.25	1.78
$T/^\circ\text{C} = 0.0$									
w_2	0.0000	0.03002	0.06024	0.09070	0.1202	0.1497	0.1749	0.2012	0.2373

η /(mPa s)	1.794	2.020	2.271	2.537	2.815	3.069	3.317	3.569	3.987
w_2	0.2793	0.3178	0.3633	0.3931	0.4287	0.4514	0.5010	0.5500	0.6030
η /(mPa s)	4.520	4.966	5.500	5.860	6.090	6.240	6.530	6.710	6.900
w_2	0.6520	0.7330	0.7710	0.8140	0.8469	0.8880	0.9080	0.9560	1.0000
η /(mPa s)	7.030	7.100	7.040	6.830	6.540	6.001	5.520	4.280	2.527
$T/^\circ\text{C} = 12.0$									36B2
w_2	0.0000	0.03002	0.06024	0.09070	0.1202	0.1497	0.1749	0.2012	0.2373
η /(mPa s)	1.239	1.369	1.512	1.665	1.818	1.966	2.112	2.284	2.521
w_2	0.2793	0.3178	0.3633	0.3931	0.4287	0.4514	0.5010	0.5500	0.6030
η /(mPa s)	2.815	3.077	3.361	3.572	3.730	3.844	4.070	4.245	4.394
w_2	0.6520	0.6980	0.7330	0.7710	0.8149	0.8880	0.9080	0.9560	1.0000
η /(mPa s)	4.528	4.623	4.627	4.612	4.525	4.079	3.813	3.060	1.946
$T/^\circ\text{C} = 25.0$									36B2
w_2	0.0000	0.03002	0.06024	0.09070	0.1202	0.1497	0.1749	0.2012	0.2373
η /(mPa s)	0.895	0.973	1.065	1.152	1.248	1.344	1.440	1.550	1.695
w_2	0.2793	0.3178	0.3633	0.3931	0.4287	0.4514	0.5010	0.5500	0.6030
η /(mPa s)	1.881	2.038	2.222	2.365	2.463	2.538	2.699	2.823	2.941
w_2	0.6520	0.6980	0.7330	0.7710	0.8149	0.8880	0.9080	0.9560	1.0000
η /(mPa s)	3.039	3.121	3.129	3.126	3.095	2.861	2.702	2.249	1.529
$T/^\circ\text{C} = 35.0$									36B2
w_2	0.0000	0.03002	0.06024	0.09070	0.1202	0.1497	0.1749	0.2012	0.2373
η /(mPa s)	0.721	0.777	0.844	0.911	0.979	1.048	1.120	1.201	1.303
w_2	0.2793	0.3178	0.3633	0.3931	0.4287	0.4514	0.5010	0.5500	0.6030
η /(mPa s)	1.445	1.563	1.695	1.796	1.873	1.932	2.049	2.150	2.243
w_2	0.6520	0.6980	0.7330	0.7710	0.8149	0.8880	0.9080	0.9560	1.0000
η /(mPa s)	2.322	2.392	2.415	2.415	2.398	2.248	2.142	1.819	1.295
$T/^\circ\text{C} = 20.0$									08T1
w_2	0.000	0.295	0.490	0.682	0.746	0.822	0.891	1.000	
η /(mPa s)	1.003	2.189	3.096	3.560	3.576	3.404	3.015	1.585	

198	H₂O (1)	water								7732-18-5
	C₄H₈O₂ (2)	1,4-dioxane								123-91-1
$T/\text{K} = 298.15$									95A5	
x_1	0.0000	0.1129	0.2100	0.3108	0.4096	0.4986	0.6059	0.6983	0.8288	
η /(mPa s)	1.172	1.222	1.291	1.384	1.510	1.629	1.797	1.913	1.857	
x_1	0.9021	1.0000								
η /(mPa s)	1.570	0.891								
$T/^\circ\text{C} = 25.0$									90M1	
w_2	0.000	0.093	0.171	0.236	0.291	0.381	0.451	0.507	0.562	

η /(mPa s)	0.89	1.08	1.25	1.38	1.52	1.71	1.81	1.90	1.97
w_2	0.631	0.719	0.774	0.837	0.911	1.000			
η /(mPa s)	1.98	1.90	1.80	1.62	1.39	1.26			
T /K = 303.15									89V1
x_2	0.0000	0.0495	0.1010	0.1464	0.1964	0.3401	0.4812	0.6535	0.8065
η /(mPa s)	0.793	1.122	1.361	1.505	1.602	1.579	1.405	1.221	1.071
x_2	0.9033	0.9495	1.0000						
η /(mPa s)	1.017	1.008	1.014						
T /°C = 20.0									69R1
x_1	0.0000	0.2280	0.2741	0.4187	0.5910	0.7038	0.8099	0.8346	0.8791
η /(mPa s)	1.302	1.388	1.427	1.557	1.987	2.202	2.255	2.158	1.993
x_1	0.9194	0.9508	0.9786	1.0000					
η /(mPa s)	1.733	1.485	1.227	1.008					
T /°C = 30.0									69R1
x_1	0.0000	0.2280	0.2741	0.4187	0.5910	0.7038	0.8099	0.8346	0.8791
η /(mPa s)	1.087	1.147	1.174	1.261	1.570	1.709	1.733	1.661	1.543
x_1	0.9194	0.9508	0.9786	1.0000					
η /(mPa s)	1.350	1.162	0.968	0.801					
T /°C = 40.0									69R1
x_1	0.0000	0.2280	0.2741	0.4187	0.5910	0.7038	0.8099	0.8346	0.8791
η /(mPa s)	0.929	0.970	0.989	1.047	1.279	1.368	1.376	1.320	1.229
x_1	0.9194	0.9508	0.9786	1.0000					
η /(mPa s)	1.083	0.937	0.786	0.655					
T /°C = 50.0									69R1
x_1	0.0000	0.2280	0.2741	0.4187	0.5910	0.7038	0.8099	0.8346	0.8791
η /(mPa s)	0.809	0.836	0.850	0.888	1.063	1.123	1.122	1.078	1.006
x_1	0.9194	0.9508	0.9786	1.0000					
η /(mPa s)	0.889	0.774	0.652	0.549					
T /°C = 20.0									68S1
w_2	0.100	0.200	0.300	0.400	0.450	0.500	0.550	0.600	0.620
η /(mPa s)	1.221	1.464	1.728	1.984	2.092	2.183	2.246	2.268	2.266
w_2	0.650	0.700	0.710	0.750	0.800	0.830	0.850	0.900	0.925
η /(mPa s)	2.252	2.185	2.151	2.072	1.927	1.817	1.758	1.569	1.478
w_2	0.950	0.964	0.982						
η /(mPa s)	1.396	1.349	1.312						
T /°C = 25.0									68S1
w_2	0.100	0.200	0.300	0.400	0.450	0.500	0.550	0.600	0.620
η /(mPa s)	1.076	1.283	1.508	1.728	1.822	1.901	1.957	1.980	1.983
w_2	0.650	0.700	0.710	0.750	0.800	0.830	0.850	0.900	0.925

η /(mPa s)	1.960	1.917	1.894	1.831	1.715	1.623	1.572	1.414	1.336
w_2	0.950	0.964	0.982						
η /(mPa s)	1.274	1.230	1.200						
$T/^\circ\text{C} = 30.0$									68S1
w_2	0.100	0.200	0.300	0.400	0.450	0.500	0.550	0.600	0.620
η /(mPa s)	0.959	1.137	1.332	1.521	1.608	1.674	1.726	1.750	1.749
w_2	0.650	0.700	0.710	0.750	0.800	0.830	0.850	0.900	0.925
η /(mPa s)	1.740	1.704	1.685	1.634	1.538	1.460	1.417	1.282	1.215
w_2	0.950	0.964	0.982						
η /(mPa s)	1.153	1.125	1.098						
$T/^\circ\text{C} = 35.0$									68S1
w_2	0.100	0.200	0.300	0.400	0.450	0.500	0.550	0.600	0.620
η /(mPa s)	0.859	1.014	1.184	1.349	1.419	1.479	1.525	1.549	1.553
w_2	0.650	0.700	0.710	0.750	0.800	0.830	0.850	0.900	0.925
η /(mPa s)	1.546	1.518	1.503	1.460	1.380	1.317	1.282	1.170	1.112
w_2	0.950	0.964	0.982						
η /(mPa s)	1.060	1.036	1.017						
$T/^\circ\text{C} = 40.0$									68S1
w_2	0.100	0.200	0.300	0.400	0.450	0.500	0.550	0.600	0.620
η /(mPa s)	0.776	0.914	1.061	1.199	1.265	1.322	1.365	1.386	1.383
w_2	0.650	0.700	0.710	0.750	0.800	0.830	0.850	0.900	0.925
η /(mPa s)	1.384	1.366	1.352	1.316	1.249	1.197	1.166	1.069	1.023
w_2	0.950	0.964	0.982						
η /(mPa s)	0.978	0.956	0.937						
$T/^\circ\text{C} = 25.0$									56K2
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.894	1.923	1.784	1.453	1.252	1.181			
$T/^\circ\text{C} = 40.0$									56K2
x_2	0.00	0.20	0.40	0.60	1.00				
η /(mPa s)	0.656	1.327	1.273	1.087	0.992				
$T/^\circ\text{C} = 20.0$									33G1
x_1	0.0000	0.00975	0.02079	0.05018	0.1096	0.2133	0.4426	0.5694	0.7591
η /(mPa s)	1.3076	1.3058	1.3200	1.3995	1.6203	1.9813	2.2635	2.0598	1.5765
x_1	0.8855	1.0000							
η /(mPa s)	1.2582	1.0048							
$T/^\circ\text{C} = 25.0$									33G1
x_1	0.0000	0.00975	0.02079	0.05018	0.1096	0.2133	0.4426	0.5694	0.7591
η /(mPa s)	1.1964	1.1960	1.2067	1.2742	1.4580	1.7608	1.9754	1.7962	1.3805
x_1	0.8855	1.0000							

η /(mPa s)	1.1087	0.8928							
$T/^\circ\text{C} = 30.0$									33G1
x_1	0.0000	0.00975	0.02079	0.05018	0.1096	0.2133	0.4426	0.5694	0.7591
η /(mPa s)	1.0992	1.0981	1.1072	1.1628	1.3214	1.5741	1.7382	1.5793	1.2212
x_1	0.8855	1.0000							
η /(mPa s)	0.9854	0.7983							
$T/^\circ\text{C} = 40.0$									33G1
x_1	0.0000	0.00975	0.02079	0.05018	0.1096	0.2133	0.4426	0.5694	0.7591
η /(mPa s)	0.9416	0.9391	0.9442	0.9837	1.0998	1.2788	1.3768	1.2505	0.9755
x_1	0.8855	1.0000							
η /(mPa s)	0.7975	0.6547							
$T/^\circ\text{C} = 60.0$									33G1
x_1	0.0000	0.00975	0.02079	0.05018	0.1096	0.2133	0.4426	0.5694	0.7591
η /(mPa s)	0.7416	0.7119	0.7136	0.7340	0.8002	0.8953	0.9244	0.8431	0.6710
x_1	0.8855	1.0000							
η /(mPa s)	0.5586	0.4681							
$T/^\circ\text{C} = 80.0$									33G1
x_1	0.0000	0.00975	0.02079	0.05018	0.1096	0.2133	0.4426	0.5694	0.7591
η /(mPa s)	0.5625	0.5616	0.5616	0.5706	0.6077	0.6610	0.6628	0.6100	0.4949
x_1	0.8855	1.0000							
η /(mPa s)	0.4190	0.3566							
$T/^\circ\text{C} = 20.0$									29H1
w_2	0.10	0.40	0.50	0.60	0.70	0.90			
η /(mPa s)	1.206	1.949	2.192	2.217	2.130	1.148			
$T/^\circ\text{C} = 40.0$									29H1
w_2	0.10	0.40	0.50	0.60	0.70	0.90			
η /(mPa s)	0.778	1.206	1.339	1.368	1.361	1.063			
$T/^\circ\text{C} = 60.0$									29H1
w_2	0.10	0.40	0.50	0.60	0.70	0.90			
η /(mPa s)	0.539	0.796	0.875	0.909	0.912	0.763			
$T/^\circ\text{C} = 80.0$									29H1
w_2	0.10	0.40	0.50	0.60	0.70	0.90			
η /(mPa s)	0.404	0.569	0.621	0.649	0.658	0.582			
199	H₂O (1)		water						7732-18-5
	C₄H₈O₂ (2)		2-methyl-propanoic acid						79-31-2
$T/\text{K} = 283.15$									89M3
x_2	0.0000	0.0339	0.0344	0.3640	0.3995	0.6111	0.7781	1.0000	
η /(mPa s)	1.3391	2.2216	2.2532	4.7992	4.4668	3.5293	2.6689	1.6129	

$T/K = 303.15$									89M3	
x_2	0.0000	0.0426	0.0474	0.3120	0.4075	0.5973	0.7634	1.0000		
$\eta /(\text{mPa s})$	0.8012	1.3484	1.4644	2.8943	2.6075	2.2156	1.9070	1.1639		
200	H₂O (1)	C₄H₈O₂S (2)	water						7732-18-5	
			tetrahydro-thiophene-1,1-dioxide						126-33-0	
$T/^\circ\text{C} = 10.0$									83G2	
x_2	0.0	0.1	0.2	0.3	0.5	0.7	0.9			
$\eta /(\text{mPa s})$	1.310	2.239	3.585	4.775	7.287	9.875	14.269			
$T/^\circ\text{C} = 15.0$									83G2	
x_2	0.0	0.1	0.2	0.3	0.5	0.7	0.9			
$\eta /(\text{mPa s})$	1.138	2.002	3.020	4.112	6.345	8.400	12.529			
$T/^\circ\text{C} = 25.0$									83G2	
x_2	0.0	0.1	0.2	0.3	0.5	0.7	0.9			
$\eta /(\text{mPa s})$	0.889	1.638	2.451	3.146	4.815	6.750	9.853			
$T/^\circ\text{C} = 35.0$									83G2	
x_2	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0		
$\eta /(\text{mPa s})$	0.723	1.328	1.940	2.517	3.839	5.062	7.706	9.041		
$T/^\circ\text{C} = 50.0$									83G2	
x_2	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0		
$\eta /(\text{mPa s})$	0.551	1.110	1.552	1.989	2.850	3.850	5.882	7.231		
$T/^\circ\text{C} = 30.0$									81S1	
x_2	0.0000	0.0147	0.0208	0.0701	0.0744	0.0958	0.1435	0.1586	0.1924	
$\eta /(\text{mPa s})$	0.7976	0.8884	0.9245	1.255	1.273	1.429	1.761	1.852	2.101	
x_2	0.3022	0.4496	0.6077	0.6106	0.7490	0.7813	1.0000			
$\eta /(\text{mPa s})$	2.856	3.865	4.963	5.004	6.085	6.555	10.29			
$T/^\circ\text{C} = 40.0$									81S1	
x_2	0.0000	0.0147	0.0208	0.0701	0.0744	0.0958	0.1435	0.1586	0.1924	
$\eta /(\text{mPa s})$	0.6531	0.7245	0.7530	1.014	1.029	1.152	1.414	1.484	1.681	
x_2	0.2900	0.3022	0.4496	0.6077	0.6106	0.7490	0.7813	1.0000		
$\eta /(\text{mPa s})$	2.219	2.267	3.059	3.923	3.962	4.807	5.182	7.947		
$T/^\circ\text{C} = 50.0$									81S1	
x_2	0.0000	0.0147	0.0208	0.0701	0.0744	0.0958	0.1435	0.1586	0.1924	
$\eta /(\text{mPa s})$	0.5472	0.6051	0.6290	0.8410	0.8536	0.9537	1.165	1.221	1.379	
x_2	0.2900	0.3022	0.4496	0.6077	0.6106	0.7490	0.7813	1.0000		
$\eta /(\text{mPa s})$	1.814	1.850	2.486	3.184	3.217	3.896	4.197	6.306		
$T/^\circ\text{C} = 25.0$									81K1	
x_2	0.00	0.25	0.50	0.75	0.85					

η /(mPa s)	0.890	2.738	4.583	6.772	7.490				
T /°C = 30.0									81K1
x_2	0.00	0.25	0.50	0.75	0.85	1.00			
η /(mPa s)	0.798	2.287	3.797	5.994	7.236	10.30			
T /°C = 40.0									81K1
x_2	0.00	0.25	0.50	0.75	0.85	1.00			
η /(mPa s)	0.653	1.928	3.212	4.743	5.240	7.039			
T /°C = 30.0									79L1
x_2	0.000	0.021	0.045	0.075	0.112	0.160	0.222	0.430	0.631
η /(mPa s)	0.8007	0.9439	1.1084	1.3162	1.5388	1.8488	2.2104	3.6641	4.8396
x_2	0.780	0.959	1.000						
η /(mPa s)	6.2379	8.2608	10.3305						
T /°C = 40.0									79L1
x_2	0.000	0.021	0.045	0.075	0.112	0.160	0.222	0.430	0.631
η /(mPa s)	0.6560	0.7569	0.9076	1.0575	1.2498	1.4913	1.7989	2.9083	3.8414
x_2	0.780	0.959	1.000						
η /(mPa s)	5.1150	6.8250	8.1040						
T /°C = 50.0									79L1
x_2	0.000	0.021	0.045	0.075	0.112	0.160	0.222	0.430	0.631
η /(mPa s)	0.5494	0.6734	0.7690	0.8917	1.0464	1.2447	1.5044	2.3504	3.1541
x_2	0.780	0.959	1.000						
η /(mPa s)	4.1500	5.4675	6.5182						
T /°C = 60.0									79L1
x_2	0.000	0.021	0.045	0.075	0.112	0.160	0.222	0.430	0.631
η /(mPa s)	0.4688	0.5255	0.6618	0.7623	0.8930	1.0503	1.2827	1.9721	2.6154
x_2	0.780	0.959	1.000						
η /(mPa s)	3.6254	4.6806	5.1773						
T /°C = 20.0									69T1
x_2	0.1238	0.2454	0.3576	0.4635	0.5623	0.6591	0.7500	0.8358	0.9198
η /(mPa s)	1.163	1.387	1.634	1.969	2.405	3.044	3.813	4.899	6.590
x_2	0.9596								
η /(mPa s)	8.243								
T /°C = 25.0									69T1
x_2	0.1238	0.2454	0.3576	0.4635	0.5623	0.6591	0.7500	0.8358	0.9198
η /(mPa s)	1.038	1.221	1.458	1.735	2.129	2.656	3.347	4.263	5.775
x_2	0.9596								
η /(mPa s)	7.049								
T /°C = 30.0									69T1
x_2	0.1238	0.2454	0.3576	0.4635	0.5623	0.6591	0.7500	0.8358	0.9198

η /(mPa s)	0.927	1.093	1.302	1.550	1.900	2.330	2.984	3.778	5.085
x_2	0.9596	1.0000							
η /(mPa s)	6.049	10.20							
$T/^\circ\text{C} = 40.0$									69T1
x_2	0.1238	0.2454	0.3576	0.4635	0.5623	0.6591	0.7500	0.8358	0.9198
η /(mPa s)	0.756	0.886	1.037	1.241	1.528	1.852	2.393	2.956	3.996
x_2	0.9596	1.0000							
η /(mPa s)	4.805	7.959							
$T/^\circ\text{C} = 50.0$									69T1
x_2	0.1238	0.2454	0.3576	0.4635	0.5623	0.6591	0.7500	0.8358	0.9198
η /(mPa s)	0.631	0.735	0.865	1.032	1.261	1.500	1.931	2.379	3.256
x_2	0.9596	1.0000							
η /(mPa s)	3.964	6.299							
201	H₂O (1)		water						7732-18-5
	C₄H₉NO (2)		N,N-dimethyl-acetamide						127-19-5
$T/\text{K} = 298.15$									95A5
x_1	0.0000	0.1008	0.2042	0.3008	0.4068	0.5052	0.6026	0.7051	0.8054
η /(mPa s)	0.920	1.071	1.286	1.582	2.047	2.607	3.310	3.873	3.612
x_1	0.9239	1.0000							
η /(mPa s)	2.342	0.891							
$T/^\circ\text{C} = 25.0$									92G1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.890	3.180	3.280	1.980	1.320	0.919			
$T/^\circ\text{C} = 25.0$									68A1
x_1	0.0000	0.0900	0.1550	0.2350	0.3140	0.4590	0.6040	0.6607	0.7410
η /(mPa s)	0.927	1.072	1.291	1.405	1.675	2.378	3.405	3.759	3.973
x_1	0.7645	0.8044							
η /(mPa s)	3.651	3.165							
$T/^\circ\text{C} = 30.0$									60P1
x_1	0.0298	0.0519	0.0694	0.0926	0.2763	0.4360	0.5550	0.6259	0.6897
η /(mPa s)	1.005	1.037	1.062	1.105	1.564	2.300	3.112	3.615	3.957
x_1	0.7347	0.7737	0.8015	0.8783	0.9515	1.0000			
η /(mPa s)	4.029	3.926	3.741	2.782	1.599	0.910			
202	H₂O (1)		water						7732-18-5
	C₄H₉NO (2)		N-ethyl-acetamide						625-50-3
$T/^\circ\text{C} = 25.0$									71R2

x_1	0.0826	0.1593	0.2575	0.3475	0.4270	0.4728	0.5438	0.5850	0.7047
η /(mPa s)	6.112	6.338	6.674	6.965	7.147	7.182	7.128	6.980	6.145
x_1	0.7459								
η /(mPa s)	5.729								
T /°C = 25.0									68A1
x_1	0.0000	0.0826	0.1593	0.2575	0.3475	0.4270	0.4728	0.5438	0.5850
η /(mPa s)	5.890	6.112	6.338	6.674	6.965	7.147	7.182	7.128	6.980
x_1	0.7047	0.7459							
η /(mPa s)	6.145	5.729							
203	H₂O (1)		water					7732-18-5	
	C₄H₉NO (2)		morpholine					110-91-8	
T /°C = 20.0									40F1
w_2	0.08558	0.19394	0.30405	0.37004	0.50449	0.59927	0.65479	0.67646	
η /(mPa s)	1.327	1.963	3.082	4.064	7.227	10.223	11.613	11.865	
w_2	0.69925	0.72040	0.72633	0.80136	0.91000	1.00000			
η /(mPa s)	12.168	12.128	12.093	10.433	5.954	2.282			
204	H₂O (1)		water					7732-18-5	
	C₄H₁₀O (2)		butan-1-ol					71-36-3	
T /°C = 30.0									81S2
x_2	0.0013	0.0033	0.0065	0.0097	0.0117	0.0130	0.0143	0.0155	0.0168
η /(mPa s)	0.834	0.8606	0.9198	0.9568	0.9762	0.9876	1.0196	1.0449	1.0609
x_2	0.0174	0.4876	0.4959	0.5178	0.5414	0.5961	0.6630	0.7469	0.7975
η /(mPa s)	1.0698	2.4617	2.4458	2.4308	2.4128	2.3952	2.3716	2.3181	2.2514
x_2	0.8551	0.9219	1.0000						
η /(mPa s)	2.2353	2.2459	2.2707						
T /°C = 15.0									79D1
x_1	0.000	0.0412	0.0733	0.1101	0.1458	0.1755	0.2129		
η /(mPa s)	3.433	3.441	3.448	3.461	3.478	3.500	3.536		
T /°C = 25.0									79D1
x_1	0.0000	0.0398	0.0784	0.1202	0.1424	0.1630	0.1955	0.2265	0.2719
η /(mPa s)	2.626	2.622	2.618	2.619	2.620	2.626	2.634	2.647	2.679
T /°C = 35.0									79D1
x_1	0.0000	0.0398	0.0784	0.1202	0.1424	0.1630	0.1955	0.2265	
η /(mPa s)	2.047	2.032	2.022	2.017	2.016	2.017	2.024	2.027	
T /°C = 45.0									79D1
x_1	0.000	0.0412	0.0733	0.1101	0.1458	0.1755	0.2129		

η /(mPa s)	1.610	1.597	1.588	1.581	1.576	1.577	1.578	
T /°C = 20.0								75W1
w_2	0.00	0.07	0.8333	1.00				
η /(mPa s)	1.002	1.378	3.301	2.960				
T /°C = 50.0								75W1
w_2	0.00	0.07	0.8333	1.00				
η /(mPa s)	0.547	0.668	1.447	1.419				
T /°C = 80.0								75W1
w_2	0.00	0.07	0.8333	1.00				
η /(mPa s)	0.355	0.415	0.770	0.768				
T /°C = 100.0								75W1
w_2	0.00	0.07	0.8333	1.00				
η /(mPa s)	0.282	0.328	0.546	0.540				
A table is given in the original source 75W1 for pressures up to 50 MPa.								75W1
T /°C = 30.0								58L1
x_1	0.0000	0.0950	0.2526	0.4385	0.98704	1.0000		
η /(mPa s)	2.250	2.236	2.272	2.420	0.968	0.8004		
T /°C = 55.0								58L1
x_1	0.0000	0.0950	0.2526	0.4385	0.98704	1.0000		
η /(mPa s)	1.265	1.237	1.245	1.289	0.575	0.5073		
T /°C = 75.0								58L1
x_1	0.0000	0.0950	0.2526	0.4385	0.98704	1.0000		
η /(mPa s)	0.841	0.825	0.822	0.845	0.421	0.3806		
T /°C = 95.0								58L1
x_1	0.0000	0.0950	0.2526	0.4385	0.98704	1.0000		
η /(mPa s)	0.579	0.576	0.574	0.584	0.325	0.2994		
T /°C = 10.0								83B1
x_2	0.0000	0.0125	0.5924	0.6895	1.0000			
ν /(mm ² /s)	1.2888	1.7652	5.2774	5.0609	4.7395			
T /°C = 20.0								83B1
x_2	0.0000	0.0125	0.5924	0.6895	1.0000			
ν /(mm ² /s)	1.0118	1.2794	3.8280	3.7301	3.6576			
T /°C = 30.0								83B1
x_2	0.0000	0.0125	0.5924	0.6895	1.0000			
ν /(mm ² /s)	0.8157	0.9921	2.8895	2.8298	2.8563			
205	H₂O (1) C₄H₁₀O (2)		water butan-2-ol					7732-18-5 78-92-2

$T/^\circ\text{C} = 25.0$									86K1
w_2	0.000	0.0599	0.110	0.165	0.669	0.715	0.773	0.851	0.892
η/η_{water}	1.000	1.276	1.563	1.894	3.533	3.462	3.317	3.075	2.989
w_2	0.950	0.9759	0.9810	1.000					
η/η_{water}	2.835	2.897	2.888	3.056					
$T/^\circ\text{C} = 20.0$									75W1
w_2	0.00	0.06	0.85	1.00					
$\eta/(\text{mPa s})$	1.002	1.324	3.807	4.036					
$T/^\circ\text{C} = 50.0$									75W1
w_2	0.00	0.06	0.85	1.00					
$\eta/(\text{mPa s})$	0.547	0.659	1.517	1.626					
$T/^\circ\text{C} = 80.0$									75W1
w_2	0.00	0.06	0.85	1.00					
$\eta/(\text{mPa s})$	0.355	0.406	0.765	0.787					
$T/^\circ\text{C} = 100.0$									75W1
w_2	0.00	0.06	0.85	1.00					
$\eta/(\text{mPa s})$	0.282	0.317	0.510	0.529					
A table is given in the original source 75W1 for pressures up to 50 MPa.									75W1
$T/^\circ\text{C} = 20.0$									74W1
x_2	0.02690	0.03109	0.03453	0.03951	0.32208	0.35184	0.38519	0.41792	
$\eta/(\text{mPa s})$	1.700	1.864	1.890	2.087	4.250	4.167	4.148	4.049	
x_2	0.45856								
$\eta/(\text{mPa s})$	3.929								
$T/^\circ\text{C} = 25.0$									74W1
x_2	0.02690	0.03109	0.03453	0.03951	0.32208	0.35184	0.38519	0.41792	
$\eta/(\text{mPa s})$	1.449	1.726	1.588	1.749	3.526	3.435	3.434	3.349	
x_2	0.45856								
$\eta/(\text{mPa s})$	3.268								
$T/^\circ\text{C} = 35.0$									74W1
x_2	0.02690	0.03109	0.03453	0.03951	0.35184	0.38519	0.41792	0.45856	
$\eta/(\text{mPa s})$	1.091	1.182	1.179	1.291	2.447	2.428	2.375	2.348	
$T/^\circ\text{C} = 45.0$									74W1
x_2	0.02690	0.03109	0.03453	0.35184	0.38519	0.41792	0.45856		
$\eta/(\text{mPa s})$	0.865	0.926	0.921	1.801	1.791	1.754	1.721		
$T/^\circ\text{C} = 55.0$									74W1
x_2	0.02690	0.03109	0.03453	0.35184	0.38519	0.41792	0.45856		
$\eta/(\text{mPa s})$	0.703	0.749	0.746	1.371	1.363	1.340	1.316		
$T/^\circ\text{C} = 65.0$									74W1

x_2	0.02690	0.03109	0.03453	0.35184	0.38519	0.41792	0.45856		
$\eta /(\text{mPa s})$	0.593	0.627	0.621	1.072	1.061	1.047	1.031		
206	H₂O (1)		water					7732-18-5	
	C₄H₁₀O (2)		2-methyl-propan-2-ol					75-65-0	
$T/\text{K} = 303.2$									95R6
x_1	0.000	0.050	0.100	0.150	0.200	0.300	0.400	0.500	0.600
$\eta /(\text{mPa s})$	3.333	3.236	3.214	3.247	3.309	3.455	3.599	3.743	3.877
x_1	0.700	0.800	0.850	0.900	0.950	1.000			
$\eta /(\text{mPa s})$	3.836	3.541	3.182	2.604	1.738	0.797			
$T/^\circ\text{C} = 15.0$									95H3
x_2	0.00000	0.00247	0.00527	0.00738	0.01170	0.01555	0.02122	0.02701	
$\eta /(\text{mPa s})$	1.139	1.211	1.293	1.361	1.505	1.652	1.882	2.132	
x_2	0.02845	0.03277	0.03738	0.04945	0.06048				
$\eta /(\text{mPa s})$	2.212	2.398	2.634	3.276	3.806				
$T/^\circ\text{C} = 25.0$									95H3
x_2	0.00000	0.00249	0.00483	0.00728	0.01053	0.01573	0.01966	0.02912	
$\eta /(\text{mPa s})$	0.8904	0.9386	0.9848	1.034	1.103	1.227	1.338	1.568	
x_2	0.03621	0.04718	0.06046	0.07317					
$\eta /(\text{mPa s})$	1.751	2.067	2.396	2.688					
$T/\text{K} = 303.15$									91V2
x_2	0.0000	0.0088	0.0179	0.0429	0.0532				
$\eta /(\text{mPa s})$	0.793	0.941	1.111	1.652	1.867				
$T/\text{K} = 313.15$									91V2
x_2	0.0000	0.0088	0.0179	0.0429	0.0532				
$\eta /(\text{mPa s})$	0.646	0.765	0.887	1.250	1.465				
$T/\text{K} = 323.15$									91V2
x_2	0.0000	0.0088	0.0179	0.0429	0.0532				
$\eta /(\text{mPa s})$	0.553	0.627	0.717	0.936	1.023				
$T/\text{K} = 333.15$									91V2
x_2	0.0000	0.0088	0.0179	0.0429	0.0532				
$\eta /(\text{mPa s})$	0.449	0.503	0.567	0.740	0.804				
$T/^\circ\text{C} = 25.0$									88A3
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
$\eta /(\text{mPa s})$	1.5056	2.3089	3.1234	3.7967	4.3113	4.7147	4.8353	4.7302	4.3552
x_2	1.00								
$\eta /(\text{mPa s})$	4.4618								

$T/K = 283.15$									87T1
x_2	0.00	0.10	0.25	0.30	0.40	0.50	0.75	1.00	
$\eta /(\text{mPa s})$	1.310	3.149	4.729	4.782	4.889	4.646	4.225	4.396	
$T/K = 298.15$									87T1
x_2	0.00	0.10	0.25	0.30	0.40	0.50	0.75	1.00	
$\eta /(\text{mPa s})$	0.891	1.273	1.801	1.834	1.833	1.696	1.429	1.418	
$T/K = 323.15$									87T1
x_2	0.00	0.10	0.25	0.30	0.40	0.50	0.75	1.00	
$\eta /(\text{mPa s})$	0.547	0.700	0.889	0.903	0.870	0.818	0.701	0.589	
A table is given in the original source 87T1 for pressures up to 110 MPa.									87T1
$T/^\circ\text{C} = 20.0$									74W1
x_2	0.04843	0.09918	0.19731	0.29715	0.39876	0.49314	0.60708	0.70281	
$\eta /(\text{mPa s})$	2.612	4.078	5.664	6.190	6.356	6.438	6.226	6.261	
x_2	0.79662	0.89260							
$\eta /(\text{mPa s})$	5.754	5.761							
$T/^\circ\text{C} = 25.0$									74W1
x_2	0.04843	0.09918	0.19731	0.29715	0.39876	0.49314	0.60708	0.70281	
$\eta /(\text{mPa s})$	2.144	3.234	4.464	4.922	5.005	5.047	4.836	4.857	
x_2	0.79662	0.89260							
$\eta /(\text{mPa s})$	4.493	4.393							
$T/^\circ\text{C} = 30.0$									74W1
x_2	0.04843	0.09918	0.19731	0.29715	0.39876	0.49314	0.60708	0.70281	
$\eta /(\text{mPa s})$	1.787	2.634	3.601	3.955	4.027	4.043	3.842	3.848	
x_2	0.79662	0.89260							
$\eta /(\text{mPa s})$	3.550	3.429							
$T/^\circ\text{C} = 40.0$									74W1
x_2	0.04843	0.09918	0.19731	0.29715	0.39876	0.49314	0.60708	0.70281	
$\eta /(\text{mPa s})$	1.305	1.857	2.499	2.702	2.700	2.696	2.556	2.533	
x_2	0.79662	0.89260							
$\eta /(\text{mPa s})$	2.342	2.213							
$T/^\circ\text{C} = 50.0$									74W1
x_2	0.04843	0.09918	0.19731	0.29715	0.39876	0.49314	0.60708	0.70281	
$\eta /(\text{mPa s})$	0.995	1.381	1.822	1.908	1.895	1.884	1.787	1.770	
x_2	0.79662	0.89260							
$\eta /(\text{mPa s})$	1.628	1.525							
$T/^\circ\text{C} = 60.0$									74W1
x_2	0.04843	0.09918	0.19731	0.29715	0.39876	0.49314	0.60708	0.70281	
$\eta /(\text{mPa s})$	0.796	1.075	1.412	1.431	1.401	1.388	1.308	1.302	
x_2	0.79662	0.89260							

η /(mPa s)	1.187	1.102							
$T/^\circ\text{C} = 25.0$									44I1
x_2	0.000	0.021	0.043	0.073	0.140	0.266	0.392	0.584	1.000
η /(mPa s)	0.895	1.34	1.93	2.64	3.79	4.71	4.80	4.58	4.43
207	H₂O (1)		water						7732-18-5
	C₄H₁₀O₂ (2)		butane-1,2-diol						584-03-2
$T/\text{K} = 298.15$									92B2
x_2	0.00	0.02	0.05	0.10	0.20	0.30	0.40	0.50	0.60
η /(mPa s)	0.890	1.242	1.915	3.361	6.560	10.17	14.32	19.51	25.19
x_2	0.70	0.80	0.90	0.95	1.00				
η /(mPa s)	31.96	39.25	46.22	49.12	52.99				
208	H₂O (1)		water						7732-18-5
	C₄H₁₀O₂ (2)		butane-1,3-diol						107-88-0
$T/\text{K} = 298.15$									95P3
x_2	0.000	0.020	0.050	0.100	0.200	0.300	0.400	0.500	0.600
η /(mPa s)	0.890	1.237	1.921	3.585	8.367	15.69	24.72	34.83	47.24
x_2	0.700	0.800	0.900	0.950	1.000				
η /(mPa s)	60.49	74.06	87.00	91.60	96.82				
209	H₂O (1)		water						7732-18-5
	C₄H₁₀O₂ (2)		butane-1,4-diol						110-63-4
$T/^\circ\text{C} = 15.0$									94S1
x_2	0.050	0.075	0.100	0.150	0.200	0.400	0.600	0.800	0.900
η /(mPa s)	2.66	3.37	5.10	8.39	12.4	36.5	70.3	103.4	116.9
$T/^\circ\text{C} = 25.0$									94S1
x_2	0.050	0.075	0.100	0.150	0.200	0.400	0.600	0.800	0.900
η /(mPa s)	1.94	2.65	3.42	5.39	7.88	21.4	41.4	60.5	68.4
x_2	1.000								
η /(mPa s)	75.6								
$T/^\circ\text{C} = 35.0$									94S1
x_2	0.050	0.075	0.100	0.150	0.200	0.400	0.600	0.800	0.900
η /(mPa s)	1.48	1.93	2.44	3.78	5.24	13.7	25.0	36.9	40.3
x_2	1.000								
η /(mPa s)	46.0								
$T/^\circ\text{C} = 45.0$									94S1
x_2	0.050	0.075	0.100	0.150	0.200	0.400	0.600	0.800	0.900

η /(mPa s)	1.14	1.44	1.84	2.68	3.72	9.25	16.2	23.8	27.1
x_2	1.000								
η /(mPa s)	29.7								
$T/^\circ\text{C} = 55.0$									94S1
x_2	0.050	0.075	0.100	0.150	0.200	0.400	0.600	0.800	0.900
η /(mPa s)	0.90	1.17	1.46	2.11	2.81	6.46	11.2	16.3	18.7
x_2	1.000								
η /(mPa s)	19.9								
$T/\text{K} = 298.15$									92B1
x_2	0.00	0.02	0.05	0.10	0.15	0.20	0.30	0.40	0.50
η /(mPa s)	0.890	1.220	1.846	3.313	5.071	7.310	13.87	20.75	28.95
x_2	0.60	0.70	0.80	0.90	0.95	1.00			
η /(mPa s)	37.97	46.43	57.13	66.49	69.47	71.66			
$T/\text{K} = 298.15$									84I1
x_1	0.00	0.10	0.50	0.97	1.00				
η /(mPa s)	71.6	62.6	27.9	1.4	0.91				
$T/\text{K} = 298.15$									84I1
x_1	0.00	0.10	0.50	0.97	1.00				
ν /(mm ² /s)	70.9	62.0	27.5	1.4	0.91				
$T/\text{K} = 313.15$									84I1
x_1	0.10	0.50	0.97	1.00					
ν /(mm ² /s)	32.5	14.6	0.98	0.65					
$T/\text{K} = 328.15$									84I1
x_1	0.10	0.50	0.97	1.00					
ν /(mm ² /s)	17.7	8.5	0.73	0.51					
$T/\text{K} = 343.15$									84I1
x_1	0.10	0.50	0.97	1.00					
ν /(mm ² /s)	10.3	5.3	0.58	0.41					
210	H₂O (1) C₄H₁₀O₂ (2)	water butane-2,3-diol							7732-18-5 513-85-9
$T/\text{K} = 298.15$									95P3
x_2	0.000	0.020	0.050	0.100	0.200	0.300	0.400	0.500	0.600
η /(mPa s)	0.890	1.037	2.035	3.859	8.925	15.13	23.40	33.06	47.21
x_2	0.700	0.800	0.900	0.950	1.000				
η /(mPa s)	63.14	81.76	100.6	112.1	123.9				
211	H₂O (1)	water							7732-18-5

	C₄H₁₀O₂ (2)		1,2-dimethoxy-ethane					110-71-4	
<i>T</i> /K = 298.15	96P4								
<i>x</i> ₂	0.0070	0.0184	0.0306	0.0542	0.0775	0.1063	0.1301	0.1654	0.2002
<i>η</i> /(mPa s)	1.018	1.189	1.376	1.712	1.968	2.146	2.252	2.164	2.001
<i>x</i> ₂	0.2402	0.2886	0.3482	0.3836	0.4226	0.4689	0.5203	0.5617	0.6130
<i>η</i> /(mPa s)	1.782	1.550	1.256	1.128	1.005	0.886	0.780	0.707	0.638
<i>x</i> ₂	0.6418	0.6575	0.7264	0.8227	0.8646	0.9633	1.0000		
<i>η</i> /(mPa s)	0.605	0.586	0.536	0.491	0.471	0.433	0.420		
<i>T</i> /K = 298.15	94D1								
<i>x</i> ₂	0.0000	0.0399	0.1251	0.1800	0.2525	0.3124	0.3552	0.4198	0.5088
<i>η</i> /(mPa s)	0.890	1.502	2.070	2.020	1.699	1.413	1.240	1.016	0.800
<i>x</i> ₂	0.5499	0.5955	0.6622	0.7199	0.7550	0.8051	0.8584	0.8999	1.0000
<i>η</i> /(mPa s)	0.729	0.670	0.600	0.558	0.540	0.502	0.474	0.460	0.424
<i>T</i> /K = 308.15	94D1								
<i>x</i> ₂	0.0000	0.0399	0.1251	0.1800	0.2525	0.3124	0.3552	0.4198	0.5088
<i>η</i> /(mPa s)	0.722	1.200	1.484	1.488	1.352	1.185	1.076	0.933	0.788
<i>x</i> ₂	0.5499	0.5955	0.6622	0.7199	0.7550	0.8051	0.8584	0.8999	1.0000
<i>η</i> /(mPa s)	0.732	0.678	0.601	0.544	0.513	0.470	0.434	0.413	0.385
<i>T</i> /K = 318.15	94D1								
<i>x</i> ₂	0.0000	0.0399	0.1251	0.1800	0.2525	0.3124	0.3552	0.4198	0.5088
<i>η</i> /(mPa s)	0.598	0.960	1.142	1.152	1.100	1.016	0.940	0.834	0.704
<i>x</i> ₂	0.5499	0.5955	0.6622	0.7199	0.7550	0.8051	0.8584	0.8999	1.0000
<i>η</i> /(mPa s)	0.654	0.600	0.530	0.462	0.456	0.422	0.400	0.392	0.350
<i>T</i> /K = 298.15	63W1								
<i>x</i> ₂	0.0000	0.0190	0.0608	0.1011	0.1521	0.1999	0.2992	0.4048	0.5970
<i>η</i> /(mPa s)	0.894	1.166	1.748	2.092	2.104	1.935	1.432	1.074	0.684
<i>x</i> ₂	0.8010	1.0000							
<i>η</i> /(mPa s)	0.506	0.432							
<i>T</i> /°C = -10.0	95C6								
<i>x</i> ₂	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024	
<i>v</i> /(mm ² /s)	6.038	8.098	9.868	10.15	7.897	5.524	2.884	1.428	
<i>T</i> /°C = -5.0	95C6								
<i>x</i> ₂	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
<i>v</i> /(mm ² /s)	3.169	4.671	6.156	7.432	7.666	6.173	4.489	2.480	1.282
<i>T</i> /°C = 0.0	95C6								
<i>x</i> ₂	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
<i>v</i> /(mm ² /s)	2.600	3.710	4.809	5.757	5.923	4.918	3.679	2.150	1.157
<i>T</i> /°C = 5.0	95C6								

x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	2.161	3.003	3.838	4.557	4.707	3.995	3.081	1.881	1.052
$T/^\circ C = 10.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	1.840	2.479	3.128	3.674	3.805	3.303	2.605	1.666	0.9621
$T/^\circ C = 15.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	1.580	2.083	2.590	3.029	3.131	2.773	2.235	1.479	0.8836
$T/^\circ C = 20.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	1.372	1.777	2.183	2.528	2.608	2.344	1.933	1.319	0.8153
$T/^\circ C = 25.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	1.198	1.536	1.860	2.147	2.217	2.023	1.687	1.186	0.7557
$T/^\circ C = 30.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	1.059	1.343	1.604	1.839	1.897	1.753	1.490	1.073	0.7028
$T/^\circ C = 35.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	0.9445	1.184	1.401	1.594	1.641	1.543	1.326	0.9758	0.6572
$T/^\circ C = 40.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	0.8509	1.051	1.240	1.395	1.441	1.359	1.184	0.8918	0.6144
$T/^\circ C = 45.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	0.7730	0.9414	1.097	1.236	1.282	1.208	1.067	0.8204	0.5777
$T/^\circ C = 50.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	0.7025	0.8521	0.9850	1.101	1.142	1.083	0.9678	0.7572	0.5440
$T/^\circ C = 55.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	0.6445	0.7725	0.8873	0.9917	1.015	0.9827	0.8830	0.7022	0.5135
$T/^\circ C = 60.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	0.5975	0.7032	0.8109	0.8963	0.9137	0.8935	0.8093	0.6545	0.4860
$T/^\circ C = 65.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$v/(mm^2/s)$	0.5483	0.6481	0.7356	0.8134	0.8387	0.8148	0.7475	0.6098	0.4607
$T/^\circ C = 70.0$									95C6

x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$\nu /(\text{mm}^2/\text{s})$	0.5091	0.5987	0.6752	0.7445	0.7602	0.7504	0.6898	0.5718	0.4376
$T/^\circ\text{C} = 75.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$\nu /(\text{mm}^2/\text{s})$	0.4740	0.5544	0.6237	0.6805	0.7002	0.6935	0.6422	0.5373	0.4165
$T/^\circ\text{C} = 80.0$									95C6
x_2	0.0187	0.0411	0.0736	0.0999	0.1458	0.2048	0.2896	0.4029	0.6024
$\nu /(\text{mm}^2/\text{s})$	0.4446	0.5179	0.5776	0.6297	0.6451	0.6394	0.5966	0.5028	0.3985
212	H₂O (1)		water						7732-18-5
	C₄H₁₀O₂ (2)		2-ethoxy-ethanol						110-80-5
$T/\text{K} = 298.15$									95A5
x_1	0.0000	0.1100	0.2089	0.2940	0.4058	0.5043	0.5995	0.7033	0.8037
$\eta /(\text{mPa s})$	1.784	1.991	2.215	2.441	2.765	3.031	3.311	3.504	3.376
x_1	0.9020	1.0000							
$\eta /(\text{mPa s})$	2.550	0.891							
$T/\text{K} = 308.15$									94R1
x_1	0.0000	0.1041	0.1944	0.2933	0.3997	0.4988	0.5964	0.6990	0.7918
$\eta /(\text{mPa s})$	1.370	1.418	1.621	1.785	1.954	2.148	2.307	2.385	2.320
x_1	0.8469	0.8976	0.9491	1.0000					
$\eta /(\text{mPa s})$	2.111	1.787	1.279	0.719					
213	H₂O (1)		water						7732-18-5
	C₄H₁₀O₂ (2)		1-methoxy-propan-2-ol						107-98-2
$T/\text{K} = 298.15$									93K2
x_2	0.0000	0.0222	0.0396	0.1131	0.1959	0.3010	0.3583	0.4651	0.5264
$\eta /(\text{mPa s})$	0.8903	1.2896	1.6511	3.0345	3.7305	3.8641	3.8108	3.5149	3.1243
x_2	0.7332	0.8372	0.9035	1.0000					
$\eta /(\text{mPa s})$	2.4136	2.0935	1.9293	1.7226					
$T/\text{K} = 308.15$									93K2
x_2	0.0000	0.0222	0.0396	0.1131	0.1959	0.3010	0.3583	0.4651	0.5264
$\eta /(\text{mPa s})$	0.7190	1.0000	1.2360	2.1189	1.6146	2.7304	2.6625	2.4381	2.3001
x_2	0.7332	0.8372	0.9035	1.0000					
$\eta /(\text{mPa s})$	1.8231	1.6103	1.4898	1.3736					
$T/\text{K} = 318.15$									93K2
x_2	0.0000	0.0222	0.0396	0.1131	0.1959	0.3010	0.3583	0.4651	0.5264
$\eta /(\text{mPa s})$	0.5972	0.8257	0.9800	1.5795	1.9251	2.0154	1.9781	1.8412	1.7441
x_2	0.7332	0.8372	0.9035	1.0000					
$\eta /(\text{mPa s})$	1.4203	1.2775	1.1891	1.0899					

$T/K = 328.15$										93K2
x_2	0.0000	0.0222	0.0396	0.1131	0.1959	0.3010	0.3583	0.4651	0.5264	
$\eta /(\text{mPa s})$	0.5042	0.6617	0.7906	1.2107	1.4719	1.5400	1.5191	1.4231	1.3843	
x_2	0.7332	0.8372	0.9035	1.0000						
$\eta /(\text{mPa s})$	1.1840	1.0298	0.9901	0.9436						
214	H₂O (1)		water							7732-18-5
	C₄H₁₀O₃ (2)		2-(2-hydroxy-ethoxy)-ethanol							111-46-6
$T/K = 303.15$										97P2
x_2	0.0003	0.0007	0.0015	0.0027	0.0047	0.0193	0.0548	0.0991	0.1966	
$\eta /(\text{mPa s})$	0.778	0.785	0.788	0.804	0.836	1.020	1.579	2.467	4.980	
x_2	0.2956	0.3956	0.4905	0.5794	0.6406	0.7750	0.8543	0.9170		
$\eta /(\text{mPa s})$	7.943	10.968	13.618	15.715	17.062	19.296	20.369	21.030		
$T/K = 308.15$										97P2
x_2	0.0003	0.0007	0.0015	0.0027	0.0047	0.0193	0.0548	0.0991	0.1966	
$\eta /(\text{mPa s})$	0.704	0.710	0.717	0.730	0.749	0.905	1.375	2.107	4.169	
x_2	0.2956	0.3956	0.4905	0.5794	0.6406	0.7750	0.8543	0.9170		
$\eta /(\text{mPa s})$	6.484	8.911	10.950	12.640	13.654	15.466	16.255	16.820		
$T/K = 298.15$										95A5
x_1	0.0000	0.1041	0.2105	0.2697	0.4009	0.5145	0.6157	0.7095	0.8250	
$\eta /(\text{mPa s})$	26.812	25.715	24.136	22.903	19.899	16.507	12.991	9.442	5.193	
x_1	0.9059	1.0000								
$\eta /(\text{mPa s})$	2.772	0.891								
$T/^\circ\text{C} = 25.0$										7711
x_2	0.0000	0.0207	0.0448	0.0749	0.1121	0.1592	0.2220	0.2940	0.4279	
$\eta /(\text{mPa s})$	0.8941	1.2277	1.6828	2.3480	3.4047	4.8955	7.1566	10.0255	15.235	
x_2	0.6291	1.0000								
$\eta /(\text{mPa s})$	21.7154	28.0295								
$T/^\circ\text{C} = 25.0$										7711
x_2	0.0000	0.0207	0.0448	0.0749	0.1121	0.1592	0.2220	0.2940	0.4279	
$\nu /(\text{mm}^2/\text{s})$	0.8964	1.2127	1.6370	2.2708	3.2141	4.5565	6.5887	9.1524	13.793	
x_2	0.6291	1.0000								
$\nu /(\text{mm}^2/\text{s})$	19.5634	25.1770								
215	H₂O (1)		water							7732-18-5
	C₄H₁₁N (2)		butylamine							109-73-9
$T/K = 303.15$										93L2

x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	0.860	1.869	2.115	1.933	1.597	1.273	0.993	0.786	0.626
x_1	0.9	1.0							
$\eta /(\text{mPa s})$	0.541	0.458							
$T/\text{K} = 313.15$									93L2
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	0.657	1.430	1.604	1.462	1.234	0.996	0.796	0.649	0.533
x_1	0.9	1.0							
$\eta /(\text{mPa s})$	0.454	0.398							
$T/\text{K} = 323.15$									93L2
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	0.539	1.133	1.250	1.143	0.979	0.808	0.654	0.547	0.453
x_1	0.9	1.0							
$\eta /(\text{mPa s})$	0.393	0.353							
216	H₂O (1) C₄H₁₁N (2)		water diethylamine						7732-18-5 109-89-7
$T/^\circ\text{C} = 0.0$									59B1
x_2	0.05	0.10	0.15	0.20	0.30	0.50	0.60	1.00	
$\eta /(\text{mPa s})$	7.772	12.865	13.554	11.547	7.727	2.893	1.811	0.505	
$T/^\circ\text{C} = 24.5$									59B1
x_2	0.00	0.05	0.10	0.015	0.20	0.30	0.40	0.50	0.60
$\eta /(\text{mPa s})$	0.904	2.033	2.828	3.273	3.256	2.734	1.905	1.353	0.943
x_2	1.00								
$\eta /(\text{mPa s})$	0.341								
$T/^\circ\text{C} = 45.0$									59B1
x_2	0.00	0.05	0.10	0.015	0.20	0.30	0.40	0.50	0.60
$\eta /(\text{mPa s})$	0.599	1.123	1.425	1.520	1.483	1.230	1.034	0.714	0.568
x_2	1.00								
$\eta /(\text{mPa s})$	0.280								
217	H₂O (1) C₄H₁₁NO (2)		water 2-amino-2-methyl-propan-1-ol						7732-18-5 124-68-5
$T/^\circ\text{C} = 30.0$									94L2
w_2	0.00	0.20	0.30	1.00					
$\eta /(\text{mPa s})$	0.8149	1.866	3.053	99.4748					
$T/^\circ\text{C} = 40.0$									94L2
w_2	0.00	0.20	0.30	1.00					
$\eta /(\text{mPa s})$	0.6680	1.405	2.168	46.9258					

$T/^\circ\text{C} = 50.0$										94L2
w_2	0.00	0.20	0.30	1.00						
$\eta/(\text{mPa s})$	0.5591	1.099	1.621	24.2108						
$T/^\circ\text{C} = 60.0$										94L2
w_2	0.00	0.20	0.30	1.00						
$\eta/(\text{mPa s})$	0.4765	0.884	1.266	13.9977						
$T/^\circ\text{C} = 70.0$										94L2
w_2	0.00	0.20	0.30	1.00						
$\eta/(\text{mPa s})$	0.4123	0.733	1.078	8.6418						
$T/^\circ\text{C} = 80.0$										94L2
w_2	0.00	0.20	0.30	1.00						
$\eta/(\text{mPa s})$	0.3625	0.622	0.887	5.6485						
218	H₂O (1)	water			7732-18-5					
	C₄H₁₁NO₂ (2)	2-(2-hydroxy-ethylamino)-ethanol			111-42-2					
$T/\text{K} = 298.15$										98W1
w_2	0.10	0.20	0.30	0.40						
$\eta/(\text{mPa s})$	1.80	1.97	3.10	5.29						
$T/^\circ\text{C} = 25.0$										94T1
x_2	0.0000	0.0093	0.0188	0.0414	0.0690	0.1028	0.1469	0.2054	0.2884	
$\eta/(\text{mPa s})$	0.8903	1.051	1.255	1.875	3.240	5.486	10.34	21.44	48.78	
x_2	0.4026	0.6059	0.8012	0.9438	1.0000					
$\eta/(\text{mPa s})$	112.5	262.4	420.3	524.1	566.3					
$T/^\circ\text{C} = 40.0$										94T1
x_2	0.0000	0.0093	0.0188	0.0414	0.0690	0.1028	0.1469	0.2054	0.2884	
$\eta/(\text{mPa s})$	0.6531	0.755	0.878	1.250	1.884	3.008	5.522	10.42	21.56	
x_2	0.4026	0.6059	0.8012	0.9438	1.0000					
$\eta/(\text{mPa s})$	44.04	95.06	143.9	175.3	188.2					
$T/^\circ\text{C} = 60.0$										94T1
x_2	0.0000	0.0093	0.0188	0.0414	0.0690	0.1028	0.1469	0.2054	0.2884	
$\eta/(\text{mPa s})$	0.4666	0.532	0.609	0.835	1.245	1.855	2.959	4.939	8.975	
x_2	0.4026	0.6059	0.8012	0.9438	1.0000					
$\eta/(\text{mPa s})$	16.37	32.02	45.70	54.35	57.69					
$T/^\circ\text{C} = 70.0$										94T1
x_2	0.0000	0.0093	0.0188	0.0414	0.0690	0.1028	0.1469	0.2054	0.2884	
$\eta/(\text{mPa s})$	0.4049	0.451	0.513	0.685	1.029	1.482	2.269	3.654	6.342	
x_2	0.4026	0.6059	0.8012	0.9438	1.0000					
$\eta/(\text{mPa s})$	10.99	20.23	28.30	33.24	35.09					
$T/^\circ\text{C} = 80.0$										94T1

x_2	0.0000	0.0093	0.0188	0.0414	0.0690	0.1028	0.1469	0.2054	0.2884
η /(mPa s)	0.3554	0.398	0.448	0.588	0.866	1.213	1.801	2.800	4.611
x_2	0.4026	0.6059	0.8012	0.9438	1.0000				
η /(mPa s)	7.726	13.44	18.37	21.37	22.43				
T /°C = 20.0									94R2
w_2	0.10	0.20	0.30						
η /(mPa s)	1.427	2.171	3.615						
T /°C = 40.0									94R2
w_2	0.10	0.20	0.30						
η /(mPa s)	0.898	1.304	1.996						
T /°C = 60.0									94R2
w_2	0.10	0.20	0.30						
η /(mPa s)	0.624	0.848	1.239						
T /°C = 80.0									94R2
w_2	0.10	0.20	0.30						
η /(mPa s)	0.465	0.606	0.824						
T /°C = 100.0									94R2
w_2	0.10	0.20	0.30						
η /(mPa s)	0.322	0.448	0.608						
T /°C = 20.0									47L1
w_2	0.20	0.50	0.75	1.00					
η /(mPa s)	2.210	12.50	91.20	742.0					
T /°C = 50.0									47L1
w_2	0.20	0.50	0.75	1.00					
η /(mPa s)	1.080	4.27	20.70	111.0					
T /°C = 80.0									47L1
w_2	0.20	0.50	0.75	1.00					
η /(mPa s)	0.603	1.78	5.96	22.40					
T /°C = 100.0									47L1
w_2	0.20	0.50	0.75	1.00					
η /(mPa s)	0.417	1.05	3.28	9.12					
219	H₂O (1) C₅H₅N (2)		water pyridine						7732-18-5 110-86-1
T /°C = 25.0									92G1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.890	2.070	2.330	1.710	1.340	0.882			

$T/^\circ\text{C} = 25.0$									90M1
w_2	0.000	0.089	0.164	0.227	0.281	0.370	0.438	0.494	0.549
$\eta/(\text{mPa s})$	0.89	1.07	1.23	1.40	1.54	1.74	1.90	2.00	2.09
w_2	0.620	0.709	0.765	0.830	0.907	1.000			
$\eta/(\text{mPa s})$	2.19	2.26	2.22	2.06	1.69	0.88			
$T/^\circ\text{C} = 0.0$									12F1
x_2	0.00	0.10	0.20	0.30	0.40	0.60	0.80	0.90	1.00
$\eta/(\text{mPa s})$	1.77	4.10	5.29	5.55	5.07	3.05	1.79	1.49	1.33
$T/^\circ\text{C} = 18.3$									12F1
x_2	0.00	0.10	0.20	0.30	0.40	0.60	0.80	0.90	1.00
$\eta/(\text{mPa s})$	1.03	1.82	2.42	2.81	2.64	2.06	1.48	1.30	1.17
$T/^\circ\text{C} = 25.1$									12F1
x_2	0.00	0.10	0.20	0.30	0.40	0.60	0.80	0.90	1.00
$\eta/(\text{mPa s})$	0.89	1.67	2.09	2.22	2.07	1.57	1.09	0.95	0.88
$T/^\circ\text{C} = 55.5$									12F1
x_2	0.00	0.10	0.20	0.30	0.40	0.60	0.80	0.90	1.00
$\eta/(\text{mPa s})$	0.50	0.81	0.97	1.01	1.00	0.89	0.74	0.67	0.60
$T/^\circ\text{C} = 77.0$									12F1
x_2	0.00	0.10	0.20	0.30	0.40	0.60	0.80	0.90	1.00
$\eta/(\text{mPa s})$	0.38	0.53	0.65	0.68	0.69	0.63	0.57	0.53	0.50
$T/^\circ\text{C} = 100.0$									12F1
x_2	0.00	0.10	0.20	0.30	0.40	0.60	0.80	0.90	1.00
$\eta/(\text{mPa s})$	0.28	0.38	0.45	0.49	0.52	0.49	0.435	0.41	0.40
$T/^\circ\text{C} = 0.0$									08H1
w_2	0.0000	0.0959	0.2050	0.2953	0.3973	0.4984	0.5916	0.6202	0.6512
$\eta/(\text{mPa s})$	1.778	2.447	3.218	3.840	4.548	5.147	5.521	5.562	5.560
w_2	0.6992	0.7575	0.8007	0.8513	0.9007	0.9511	0.9784	1.0000	
$\eta/(\text{mPa s})$	5.416	4.905	4.262	3.298	2.398	1.729	1.463	1.321	
$T/^\circ\text{C} = 25.08$									08H1
w_2	0.0000	0.0991	0.1928	0.2999	0.3984	0.4557	0.5970	0.6665	0.7034
$\eta/(\text{mPa s})$	0.890	1.116	1.336	1.598	1.833	2.032	2.187	2.225	2.186
w_2	0.8015	0.9008	0.9501	0.9716	0.9802	0.9900	1.0000		
$\eta/(\text{mPa s})$	1.894	1.350	1.064	0.979	0.942	0.917	0.885		
$T/^\circ\text{C} = 25.0$									07D1
w_2	0.0000	0.0585	0.0911	0.0985	0.1533	0.2255	0.3099	0.3706	0.4046
$\eta/(\text{mPa s})$	0.891	0.934	1.0997	1.1097	1.2460	1.4027	1.6916	1.7886	1.8630
w_2	0.5003	0.5512	0.5998	0.6146	0.6499	0.7003	0.7501	0.7980	0.8796
$\eta/(\text{mPa s})$	2.0515	2.1472	2.2004	2.2155	2.2438	2.1913	2.1151	1.9201	1.4424

w_2	0.9496	1.0000
$\eta /(\text{mPa s})$	1.0810	0.8775

220	H₂O (1)		water					7732-18-5
	C₅H₈O₂ (2)		5-methyl-dihydro-furan-2-one					108-29-2

$T / ^\circ\text{C} = 25.0$									38K2
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x_2	0.00	0.10	0.30	0.50	0.70	1.00			
$\eta /(\text{mPa s})$	0.900	1.764	2.167	2.080	1.899	1.815			

$T / ^\circ\text{C} = 50.0$									38K2
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x_2	0.00	0.10	0.30	0.50	0.70	1.00			
$\eta /(\text{mPa s})$	0.569	1.012	1.406	1.367	1.328	1.255			

221	H₂O (1)		water					7732-18-5
	C₃H₉NO (2)		1-methyl-pyrrolidin-2-one					872-50-4

$T / \text{K} = 298.15$									97G1
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x_2	0.00000	0.09167	0.15517	0.23717	0.27886	0.34134	0.44659	0.51117	0.5278
$\eta /(\text{mPa s})$	0.890	2.53	3.79	4.97	5.11	4.96	4.20	3.70	3.61

x_2	0.54407	0.62323	0.69175	0.82800	0.85607	0.96436	0.97985	1.00000	
$\eta /(\text{mPa s})$	3.46	2.92	2.62	2.01	1.98	1.72	1.71	1.66	

$T / ^\circ\text{C} = 25.0$									95A2
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x_2	0.0000	0.0991	0.1496	0.1996	0.2431	0.3001	0.3482	0.4013	0.5004
$\eta /(\text{mPa s})$	1.002	3.258	4.698	5.600	6.144	6.220	5.926	5.412	4.336

x_2	0.6002	0.7001	0.8001	0.8948	1.0000				
$\eta /(\text{mPa s})$	3.426	2.770	2.327	2.020	1.788				

$T / ^\circ\text{C} = 5.0$									85G3
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x_1	0.0000	0.0331	0.0615	0.0997	0.1754	0.2163	0.2568	0.3089	0.3564
$\eta / \eta_{\text{water}}$	1.000	1.753	2.569	3.787	6.428	7.432	7.798	7.558	6.908

x_1	0.4487	0.5148	0.6232	0.7020	0.8080	1.0000			
$\eta / \eta_{\text{water}}$	5.335	4.350	3.114	2.490	1.957	1.540			

$T / ^\circ\text{C} = 25.0$									71M1
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x_2	0.0000	0.0985	0.1881	0.3053	0.3959	0.4954	0.5941	0.6917	0.7860
$\eta /(\text{mPa s})$	0.894	2.79	4.44	5.10	4.59	3.77	3.07	2.55	2.18

x_2	0.8859	1.0000							
$\eta /(\text{mPa s})$	1.90	1.671							

$T / ^\circ\text{C} = 25.0$									68A1
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x_1	0.0000	0.0836	0.1794	0.3006	0.4221	0.5466	0.6595	0.6861	0.7608
$\eta /(\text{mPa s})$	1.663	1.847	2.142	2.728	3.521	4.455	5.050	5.042	4.669

x_1	0.7976	0.8599						
η /(mPa s)	4.238	3.202						
$T/^\circ\text{C} = 20.0$								
w_1	0.00000	0.02162	0.04155	0.06947	0.10458	0.14855	0.21275	0.28355
η /(mPa s)	1.002	3.47	5.82	6.20	5.46	4.29	3.41	2.77
w_1	0.40193	0.60406	1.00000					
η /(mPa s)	2.31	2.06	1.83					
$T/\text{K} = 283.15$								
x_1	0.0000	0.2118	0.3967	0.5969	0.7958	1.0000		
v /(mm ² /s)	2.112	2.913	4.488	7.896	8.804	1.323		
$T/\text{K} = 313.15$								
x_1	0.0000	0.2019	0.4033	0.5943	0.7926	1.0000		
v /(mm ² /s)	1.321	1.679	2.071	2.715	2.674	0.677		
222	H₂O (1)	C₅H₉NO₂ (2)	water	4-formyl-morpholine				7732-18-5 4394-85-8
$T/^\circ\text{C} = 25.0$								
x_2	0.00	0.10	0.25	0.50	0.75	0.90	1.00	
η /(mPa s)	0.8903	1.1129	1.6345	3.0567	5.3744	6.9623	7.827	
$T/^\circ\text{C} = 35.0$								
x_2	0.00	0.10	0.25	0.50	0.75	0.90	1.00	
η /(mPa s)	0.7190	0.8912	1.2713	2.3222	3.9974	5.1256	5.9170	
$T/^\circ\text{C} = 45.0$								
x_2	0.00	0.10	0.25	0.50	0.75	0.90	1.00	
η /(mPa s)	0.5972	0.7391	1.0249	1.8327	3.0909	3.8879	4.513	
$T/\text{K} = 283.15$								
x_1	0.0000	0.2195	0.4031	0.6056	0.7940	1.0000		
v /(mm ² /s)	11.637	10.954	10.726	9.363	5.717	1.323		
$T/\text{K} = 313.15$								
x_1	0.0000	0.2533	0.3945	0.5999	0.8017	1.0000		
v /(mm ² /s)	4.584	4.122	3.921	3.412	2.224	0.677		
223	H₂O (1)	C₅H₁₀N₂O (2)	water	1,3-dimethyl-imidazolidin-2-one				7732-18-5 80-73-9
$T/^\circ\text{C} = 20.0$								
x_2	0.00000	0.00020	0.00050	0.00099	0.00236	0.00774	0.03994	0.09974
η /(mPa s)	1.0030	1.0069	1.0124	1.0220	1.0477	1.1510	1.8493	3.4034

x_2	0.22693	0.28797	0.34637	0.42177	0.59597	0.79074	0.89892	0.94811
$\eta /(\text{mPa s})$	6.3512	6.9236	6.9477	6.1418	4.4285	2.9172	2.4401	2.2696
x_2	0.98852	0.99346	0.99855					
$\eta /(\text{mPa s})$	2.1081	2.1332	2.1196					

 $T / ^\circ\text{C} = 25.0$

94W2

x_2	0.00000	0.00020	0.00050	0.00099	0.00236	0.00774	0.03994	0.09974
$\eta /(\text{mPa s})$	0.8909	0.8949	0.8988	0.9069	0.9287	1.0161	1.5993	2.8581
x_2	0.22693	0.28797	0.34637	0.42177	0.59597	0.79074	0.89892	0.94811
$\eta /(\text{mPa s})$	5.1483	5.6097	5.6491	5.0673	3.7928	2.5904	2.1969	2.0541
x_2	0.98852	0.99346	0.99855					
$\eta /(\text{mPa s})$	1.9502	1.9373	1.9256					

 $T / ^\circ\text{C} = 30.0$

94W2

x_2	0.00000	0.00020	0.00050	0.00099	0.00236	0.00774	0.03994	0.09974
$\eta /(\text{mPa s})$	0.7977	0.8010	0.8044	0.8115	0.8301	0.9046	1.3975	2.4328
x_2	0.22693	0.28797	0.34637	0.42177	0.59597	0.79074	0.89892	0.94811
$\eta /(\text{mPa s})$	4.2093	4.6161	4.6645	4.2403	3.2802	2.3169	1.9908	1.8694
x_2	0.98852	0.99346	0.99855					
$\eta /(\text{mPa s})$	1.7801	1.7690	1.7591					

 $T / ^\circ\text{C} = 35.0$

94W2

x_2	0.00000	0.00020	0.00050	0.00099	0.00236	0.00774	0.03994	0.09974
$\eta /(\text{mPa s})$	0.7194	0.7224	0.7254	0.7313	0.7474	0.8119	1.2324	2.0937
x_2	0.22693	0.28797	0.34637	0.42177	0.59597	0.79074	0.89892	0.94811
$\eta /(\text{mPa s})$	3.5469	3.8556	3.9058	3.5938	2.8631	2.0848	1.8127	1.7094
x_2	0.98852	0.99346	0.99855					
$\eta /(\text{mPa s})$	1.6327	1.6229	1.6150					

 $T / ^\circ\text{C} = 40.0$

94W2

x_2	0.00000	0.00020	0.00050	0.00099	0.00236	0.00774	0.03994	0.09974
$\eta /(\text{mPa s})$	0.6531	0.6552	0.6583	0.6635	0.6774	0.7336	1.0960	1.8198
x_2	0.22693	0.28797	0.34637	0.42177	0.59597	0.79074	0.89892	0.94811
$\eta /(\text{mPa s})$	3.0114	3.2615	3.3310	3.0782	2.5197	1.8866	1.6586	1.5704
x_2	0.98852	0.99346	0.99855					
$\eta /(\text{mPa s})$	1.5045	1.4963	1.4900					

224**H₂O (1)**
C₅H₁₀O (2)**water**
3-methyl-butan-2-one**7732-18-5**
563-80-4 $T / \text{K} = 288.15$

93P3, 93T1

x_2	0.0000	0.0065	0.9296	0.9793	1.0000
$v /(\text{mm}^2/\text{s})$	1.1481	1.2632	0.6731	0.6489	0.6394

 $T / \text{K} = 293.15$

93P3, 93T1

x_2	0.0000	0.0065	0.9296	0.9793	1.0000
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$v/(mm^2/s)$	1.0155	1.1083	0.6365	0.6155	0.6072
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$T/K = 298.15$

93P3, 93T1

x_2	0.0000	0.0065	0.9296	0.9793	1.0000
$v/(mm^2/s)$	0.9057	0.9770	0.6046	0.5860	0.5780

225	H₂O (1)	water	7732-18-5
	C₅H₁₁N (2)	piperidine	110-89-4

$T/^\circ C = 0.0$ 47T1

x_2	0.00	0.05	0.10	0.20	0.30	0.35	0.40	0.60	0.80
$\eta/(mPa\ s)$	1.80	6.44	11.2	18.4	21.5	21.6	20.2	11.2	4.76

x_2	1.00
$\eta/(mPa\ s)$	2.57

$T/^\circ C = 25.0$ 47T1

x_2	0.00	0.05	0.10	0.20	0.30	0.35	0.40	0.60	0.80
$\eta/(mPa\ s)$	0.815	1.90	3.06	4.76	5.40	5.42	5.13	3.38	2.05

x_2	1.00
$\eta/(mPa\ s)$	1.31

$T/^\circ C = 50.0$ 47T1

x_2	0.00	0.05	0.10	0.20	0.30	0.35	0.40	0.60	0.80
$\eta/(mPa\ s)$	0.550	0.887	1.26	1.77	1.94	1.94	1.86	1.38	0.993

x_2	1.00
$\eta/(mPa\ s)$	0.757

$T/^\circ C = 75.0$ 47T1

x_2	0.00	0.05	0.10	0.20	0.30	0.35	0.40	0.60	0.80
$\eta/(mPa\ s)$	0.381	0.512	0.659	0.845	0.901	0.892	0.872	0.705	0.571

x_2	1.00
$\eta/(mPa\ s)$	0.545

$T/^\circ C = 20.0$ 09T1

w_2	0.000	0.464	0.626	0.767	1.000
$\eta/(mPa\ s)$	1.002	5.346	6.931	6.708	1.486

226	H₂O (1)	water	7732-18-5
	C₃H₁₁NO (2)	N,N-diethyl-formamide	617-84-5

$T/^\circ C = 25.0$ 68A1

x_1	0.0000	0.1029	0.2470	0.3904	0.5426	0.6681	0.7344	0.7646	0.8236
$\eta/(mPa\ s)$	1.139	1.237	1.475	1.840	2.383	2.836	3.001	3.010	2.902

x_1	0.8813
$\eta/(mPa\ s)$	2.535

227	H₂O (1)		water				7732-18-5		
	C₅H₁₂N₂O (2)		tetramethylurea				632-22-4		
<i>T</i> /°C = 25.0	8001								
<i>x</i> ₂	0.0000	0.0601	0.1302	0.1803	0.2250	0.2581	0.3740	0.4580	0.5732
<i>η</i> /(mPa s)	0.8904	2.2037	3.7356	4.9619	5.2001	4.6474	3.8375	3.2683	2.6643
<i>x</i> ₂	0.6311	0.7390	0.8962	0.9423	1.0000				
<i>η</i> /(mPa s)	2.3970	1.9727	1.5502	1.4801	1.3950				
228	H₂O (1)		water				7732-18-5		
	C₅H₁₂O (2)		pentan-1-ol				71-41-0		
<i>T</i> /°C = 15.0	79D1								
<i>x</i> ₁	0.000	0.0359	0.0685	0.0914	0.1301	0.1689	0.2023	0.2419	
<i>η</i> /(mPa s)	4.755	4.709	4.674	4.659	4.649	4.646	4.667	4.701	
<i>T</i> /°C = 25.0	79D1								
<i>x</i> ₁	0.0000	0.0288	0.0453	0.0660	0.0859	0.1130	0.1301	0.1472	0.1689
<i>η</i> /(mPa s)	3.548	3.509	3.487	3.468	3.451	3.437	3.431	3.429	3.424
<i>x</i> ₁	0.1776	0.2160	0.2419						
<i>η</i> /(mPa s)	3.426	3.428	3.438						
<i>T</i> /°C = 35.0	79D1								
<i>x</i> ₁	0.0000	0.0288	0.0453	0.0660	0.0859	0.1130	0.1301	0.1472	0.1655
<i>η</i> /(mPa s)	2.694	2.654	2.638	2.620	2.606	2.591	2.585	2.579	2.577
<i>x</i> ₁	0.1776	0.2160	0.2419						
<i>η</i> /(mPa s)	2.576	2.572	2.575						
<i>T</i> /°C = 45.0	79D1								
<i>x</i> ₁	0.000	0.0290	0.0685	0.0914	0.1072	0.1301	0.1490	0.1689	0.2023
<i>η</i> /(mPa s)	2.085	2.055	2.026	2.016	2.006	1.997	1.991	1.985	1.980
<i>x</i> ₁	0.2419								
<i>η</i> /(mPa s)	1.979								
229	H₂O (1)		water				7732-18-5		
	C₅H₁₂O₂ (2)		2-isopropoxy-ethanol				109-59-1		
<i>T</i> /K = 298.15	97P3								
<i>x</i> ₂	0.0109	0.0413	0.0765	0.1205	0.1674	0.2045	0.2644	0.3221	0.3521
<i>η</i> /(mPa s)	1.267	2.063	2.814	3.576	4.049	4.256	4.376	4.357	4.306
<i>x</i> ₂	0.4030	0.4524	0.4994	0.5800	0.6181	0.6778	0.7202	0.7746	0.7995
<i>η</i> /(mPa s)	4.163	4.010	3.837	3.542	3.408	3.200	3.048	2.877	2.787
<i>x</i> ₂	0.8831	0.9744							
<i>η</i> /(mPa s)	2.544	2.301							

<i>T</i> /K = 308.15										97P3
x_2	0.0117	0.0243	0.0480	0.0818	0.1081	0.1452	0.1739	0.2237	0.2791	
η /(mPa s)	0.873	1.048	1.393	1.805	2.078	2.343	2.480	2.615	2.670	
x_2	0.3362	0.3613	0.4016	0.4861	0.5552	0.5964	0.6229	0.6795	0.7299	
η /(mPa s)	2.653	2.624	2.568	2.440	2.303	2.222	2.168	2.059	1.963	
x_2	0.7669	0.8478	0.9015	0.9345	0.9761					
η /(mPa s)	1.898	1.756	1.680	1.622	1.563					
<i>T</i> /K = 318.15										97P3
x_2	0.0064	0.0205	0.0505	0.0838	0.1271	0.1717	0.2346	0.2840	0.3278	
η /(mPa s)	0.660	0.828	1.117	1.468	1.756	1.950	2.088	2.123	2.125	
x_2	0.3659	0.4119	0.4724	0.5277	0.5697	0.6549	0.7115	0.7651	0.8252	
η /(mPa s)	2.102	2.062	1.994	1.898	1.854	1.746	1.649	1.586	1.515	
x_2	0.8743	0.9506								
η /(mPa s)	1.454	1.367								
230	H₂O (1)		water							7732-18-5
	C₅H₁₂O₃ (2)		2-(2-methoxy-ethoxy)-ethanol							111-77-3
<i>T</i> /K = 298.15										96P1
x_2	0.0000	0.0156	0.0426	0.0829	0.1226	0.1680	0.2186	0.2679	0.3188	
η /(mPa s)	0.89025	1.333	2.011	2.932	3.903	4.788	5.457	5.819	5.974	
x_2	0.3660	0.4060	0.4359	0.5231	0.5960	0.6441	0.7050	0.7307	0.7830	
η /(mPa s)	5.977	5.910	5.841	5.554	5.298	5.119	4.903	4.817	4.639	
x_2	0.8131	0.9219	0.9896	1.0000						
η /(mPa s)	4.547	4.252	4.080	4.046						
<i>T</i> /K = 308.15										96P3
x_2	0.0000	0.0130	0.0426	0.0580	0.0793	0.0999	0.1286	0.1865	0.3088	
η /(mPa s)	0.7190	0.914	1.445	1.730	2.131	2.476	2.872	3.333	3.876	
x_2	0.4518	0.5434	0.6518	0.7694	0.9087	0.9891	1.0000			
η /(mPa s)	3.836	3.625	3.448	3.235	2.996	2.874	2.865			
231	H₂O (1)		water							7732-18-5
	C₅H₁₃NO₂ (2)		bis-(2-hydroxy-ethyl)-methyl-amine							105-59-9
<i>T</i> /K = 298.15										98W1
w_2	0.30	0.40	0.50	0.60						
η /(mPa s)	3.27	5.40	9.66	17.44						
<i>T</i> /°C = 25.0										94T1
x_2	0.0000	0.0079	0.0176	0.0364	0.0612	0.0923	0.1322	0.1859	0.2526	
η /(mPa s)	0.8903	1.059	1.301	1.901	3.057	5.172	9.172	17.02	32.11	

x_2	0.3021	0.3658	0.5026	0.5653	0.6960	0.8989	1.0000		
$\eta /(\text{mPa s})$	43.51	56.06	74.16	81.05	82.37	78.87	77.19		
$T / ^\circ\text{C} = 40.0$									94T1
x_2	0.0000	0.0079	0.0176	0.0364	0.0612	0.0923	0.1322	0.1859	0.2526
$\eta /(\text{mPa s})$	0.6531	0.756	0.902	1.260	1.893	2.995	5.219	8.843	14.32
x_2	0.3021	0.3658	0.5026	0.5653	0.6960	0.8989	1.0000		
$\eta /(\text{mPa s})$	18.62	23.58	31.33	33.63	35.36	34.89	34.11		
$T / ^\circ\text{C} = 60.0$									94T1
x_2	0.0000	0.0079	0.0176	0.0364	0.0612	0.0923	0.1322	0.1859	0.2526
$\eta /(\text{mPa s})$	0.4666	0.532	0.624	0.838	1.128	1.650	2.487	4.174	6.203
x_2	0.3021	0.3658	0.5026	0.5653	0.6960	0.8989	1.0000		
$\eta /(\text{mPa s})$	7.742	9.530	12.33	13.18	14.09	14.36	14.30		
$T / ^\circ\text{C} = 70.0$									94T1
x_2	0.0000	0.0079	0.0176	0.0364	0.0612	0.0923	0.1322	0.1859	0.2526
$\eta /(\text{mPa s})$	0.4049	0.451	0.522	0.685	1.026	1.443	2.082	3.080	4.436
x_2	0.3021	0.3658	0.5026	0.5653	0.6960	0.8989	1.0000		
$\eta /(\text{mPa s})$	5.407	6.566	8.413	8.951	9.614	9.926	9.849		
$T / ^\circ\text{C} = 80.0$									94T1
x_2	0.0000	0.0079	0.0176	0.0364	0.0612	0.0923	0.1322	0.1859	0.2526
$\eta /(\text{mPa s})$	0.3554	0.399	0.456	0.588	0.852	1.156	1.629	2.347	3.264
x_2	0.3021	0.3658	0.5026	0.5653	0.6960	0.8989	1.0000		
$\eta /(\text{mPa s})$	3.925	4.695	5.980	6.344	6.840	7.111	7.115		
$T / ^\circ\text{C} = 30.0$									94L2
w_2	0.00	0.20	0.30	0.40	0.50	1.00			
$\eta /(\text{mPa s})$	0.8149	1.669	2.622	4.343	7.470	57.8599			
$T / ^\circ\text{C} = 40.0$									94L2
w_2	0.00	0.20	0.30	0.40	0.50	1.00			
$\eta /(\text{mPa s})$	0.6680	1.316	1.953	3.117	5.081	34.3085			
$T / ^\circ\text{C} = 50.0$									94L2
w_2	0.00	0.20	0.30	0.40	0.50	1.00			
$\eta /(\text{mPa s})$	0.5591	1.048	1.515	2.313	3.606	21.6716			
$T / ^\circ\text{C} = 60.0$									94L2
w_2	0.00	0.20	0.30	0.50	1.00				
$\eta /(\text{mPa s})$	0.4765	0.860	1.210	2.671	14.3856				
$T / ^\circ\text{C} = 60.0$									94R2
w_2	0.10	0.20	0.30	0.40	0.50				
$\eta /(\text{mPa s})$	0.627	0.836	1.119	1.706	2.565				
$T / ^\circ\text{C} = 80.0$									94R2
w_2	0.10	0.20	0.30	0.40	0.50				

η /(mPa s)	0.469	0.593	0.766	1.128	1.579				
$T/^\circ\text{C} = 100.0$									94R2
w_2	0.20	0.30	0.40	0.50					
η /(mPa s)	0.460	0.550	0.766	1.048					
$T/^\circ\text{C} = 15.0$									89A2
w_2	0.0	0.10	0.20	0.30	0.40	0.50	1.00		
η /(mPa s)	1.138	1.707	2.650	4.402	7.973	14.69	141.9		
$T/^\circ\text{C} = 20.0$									89A2
w_2	0.0	0.10	0.20	0.30	0.40	0.50	1.00		
η /(mPa s)	1.007	1.477	2.262	3.690	6.452	11.70	104.5		
$T/^\circ\text{C} = 25.0$									89A2
w_2	0.0	0.10	0.20	0.30	0.40	0.50	1.00		
η /(mPa s)	0.895	1.290	1.941	3.092	5.253	9.208	76.9		
$T/^\circ\text{C} = 30.0$									89A2
w_2	0.0	0.10	0.20	0.30	0.40	0.50	1.00		
η /(mPa s)	0.802	1.137	1.686	2.612	4.359	7.436	57.57		
$T/^\circ\text{C} = 35.0$									89A2
w_2	0.0	0.10	0.20	0.30	0.40	0.50	1.00		
η /(mPa s)	0.724	1.011	1.474	2.250	3.671	6.097	44.14		
$T/^\circ\text{C} = 40.0$									89A2
w_2	0.0	0.10	0.20	0.30	0.40	0.50	1.00		
η /(mPa s)	0.656	0.907	1.301	1.937	3.112	5.105	34.78		
$T/^\circ\text{C} = 50.0$									89A2
w_2	0.0	0.10	0.20	0.30	0.40	0.50	1.00		
η /(mPa s)	0.555	0.748	1.051	1.505	2.309	3.642	21.98		
$T/^\circ\text{C} = 60.0$									89A2
w_2	0.0	0.10	0.20	0.30	0.50	1.00			
η /(mPa s)	0.476	0.627	0.858	1.207	2.700	14.5			
232	H₂O (1)		water						7732-18-5
	C₆H₆O (2)		phenol						108-95-2
$T/^\circ\text{C}$	41.5	42.3	49.8	50.6	58.1	60.7	64.8	65.4	59S3
x_2	0.0211	0.0254	0.0388	0.0693	0.0882	0.1178	0.1386	0.1986	
η /(mPa s)	0.7129	0.6222	0.5466	0.6180	0.6634	0.7078	0.7206	0.7711	
$T/^\circ\text{C}$	65.5	65.9							
x_2	0.2349	0.2643							
η /(mPa s)	1.0110	1.4960							
$T/^\circ\text{C} = 20.0$									32H1, 32H2

w_2	0.00	0.02	0.04	0.06	0.08	0.75	0.80	0.85	0.90
$\eta /(\text{mPa s})$	1.006	1.056	1.107	1.160	1.215	4.372	4.731	5.273	6.146
$T / ^\circ\text{C} = 30.0$									32H1, 32H2
w_2	0.00	0.02	0.04	0.06	0.08	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	0.7998	0.8342	0.8703	0.9071	0.9485	2.972	3.153	3.393	3.742
w_2	0.90	0.95							
$\eta /(\text{mPa s})$	4.288	5.284							
$T / ^\circ\text{C} = 40.0$									32H1, 32H2
w_2	0.00	0.02	0.04	0.06	0.08	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	0.6563	0.6816	0.7085	0.7370	0.7664	2.253	2.383	2.553	2.792
w_2	0.90	0.95							
$\eta /(\text{mPa s})$	3.161	3.770							
$T / ^\circ\text{C} = 50.0$									32H1, 32H2
w_2	0.00	0.02	0.04	0.06	0.08	0.10	0.70	0.75	0.80
$\eta /(\text{mPa s})$	0.5500	0.5696	0.5898	0.6110	0.6340	0.6600	1.775	1.858	1.981
w_2	0.85	0.90	0.95	1.00					
$\eta /(\text{mPa s})$	2.164	2.420	2.820	3.491					
$T / ^\circ\text{C} = 60.0$									32H1, 32H2
w_2	0.00	0.02	0.04	0.06	0.08	0.10	0.15	0.60	0.70
$\eta /(\text{mPa s})$	0.4700	0.4850	0.5000	0.5188	0.5360	0.5568	0.6261	1.293	1.413
w_2	0.75	0.80	0.85	0.90	0.95	1.00			
$\eta /(\text{mPa s})$	1.485	1.591	1.725	1.910	2.180	2.614			
$T / ^\circ\text{C} = 70.0$									32H1, 32H2
w_2	0.00	0.02	0.04	0.06	0.08	0.10	0.20	0.30	0.40
$\eta /(\text{mPa s})$	0.4075	0.4190	0.4310	0.4450	0.4600	0.4771	0.5954	0.7590	0.8920
w_2	0.50	0.60	0.70	0.75	0.80	0.85	0.90	0.95	1.00
$\eta /(\text{mPa s})$	0.9729	1.053	1.157	1.215	1.298	1.405	1.547	1.735	2.028
$T / ^\circ\text{C} = 67.5$									04S1
w_2	0.0000	0.0760	0.1014	0.2013	0.3072	0.4070	0.5105	0.6350	0.6903
$\eta /(\text{mPa s})$	0.420	0.477	0.495	0.629	0.820	0.982	1.100	1.160	1.202
w_2	0.7380	0.8985	1.0000						
$\eta /(\text{mPa s})$	1.270	1.664	2.110						
$T / ^\circ\text{C} = 70.0$									04S1
w_2	0.0000	0.0760	0.1014	0.2013	0.3072	0.4070	0.5105	0.6350	0.6903
$\eta /(\text{mPa s})$	0.405	0.462	0.478	0.602	0.773	0.918	1.040	1.103	1.146
w_2	0.7380	0.8985	1.0000						
$\eta /(\text{mPa s})$	1.203	1.578	1.986						
$T / ^\circ\text{C} = 75.0$									04S1
w_2	0.0000	0.0760	0.1014	0.2013	0.3072	0.4070	0.5105	0.6350	0.6903
$\eta /(\text{mPa s})$	0.383	0.431	0.448	0.552	0.690	0.813	0.940	1.010	1.040

w_2	0.7380	0.8985	1.0000						
η /(mPa s)	1.102	1.410	1.772						
$T/^\circ\text{C} = 80.0$									
w_2	0.0000	0.0760	0.1014	0.2013	0.3072	0.4070	0.5105	0.6350	0.6903
η /(mPa s)	0.362	0.403	0.418	0.512	0.630	0.736	0.848	0.926	0.964
w_2	0.7380	0.8985	1.0000						
η /(mPa s)	1.005	1.300	1.571						
$T/^\circ\text{C} = 10.0$									
x_2	0.0000	0.0080	0.0153						
ν /(mm ² /s)	1.2888	1.4613	1.5964						
$T/^\circ\text{C} = 20.0$									
x_2	0.0000	0.0080	0.0153						
ν /(mm ² /s)	1.0118	1.1127	1.2057						
$T/^\circ\text{C} = 30.0$									
x_2	0.0000	0.0080	0.0153						
ν /(mm ² /s)	0.8157	0.8813	0.9437						
233	H₂O (1)		water						7732-18-5
	C₆H₇N (2)		2-methyl-pyridine						109-06-8
$T/\text{K} = 303.15$									
x_2	0.0000	0.1000	0.2000	0.3000	0.3999	0.4997	0.5999	0.7000	0.8146
η /(mPa s)	0.8002	1.9161	2.5060	2.5945	2.3638	1.9818	1.5541	1.2336	0.9988
x_2	0.8999	1.0000							
η /(mPa s)	0.8499	0.7406							
$T/\text{K} = 313.15$									
x_2	0.0000	0.1000	0.2000	0.3000	0.3999	0.4997	0.5999	0.7000	0.8146
η /(mPa s)	0.6554	1.4666	1.8390	1.9091	1.7573	1.5151	1.2368	1.0165	0.8497
x_2	0.8999	1.0000							
η /(mPa s)	0.7339	0.6534							
$T/\text{K} = 323.15$									
x_2	0.0000	0.1000	0.2000	0.3000	0.3999	0.4997	0.5999	0.7000	0.8146
η /(mPa s)	0.5502	1.1681	1.4201	1.4648	1.3621	1.2006	1.0079	0.8611	0.7336
x_2	0.8999	1.0000							
η /(mPa s)	0.6501	0.5843							
$T/^\circ\text{C} = 0.0$									
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.787	2.654	3.856	5.15	6.76	8.66	9.60	9.48	6.88
w_2	0.90	1.00							

η /(mPa s)	3.120	1.101							
$T/^\circ\text{C} = 5.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.519	2.198	3.100	4.071	5.23	6.42	7.24	7.18	5.45
w_2	0.90	1.00							
η /(mPa s)	2.642	1.007							
$T/^\circ\text{C} = 10.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.307	1.855	2.562	3.337	4.196	5.09	5.68	5.65	4.413
w_2	0.90	1.00							
η /(mPa s)	2.285	0.937							
$T/^\circ\text{C} = 15.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.139	1.597	2.167	2.763	3.432	4.105	4.560	4.554	3.628
w_2	0.90	1.00							
η /(mPa s)	1.999	0.870							
$T/^\circ\text{C} = 20.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.002	1.375	1.855	2.331	2.855	3.365	3.720	3.723	3.031
w_2	0.90	1.00							
η /(mPa s)	1.760	0.808							
$T/^\circ\text{C} = 25.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.890	1.200	1.592	1.982	2.405	2.804	3.084	3.085	2.554
w_2	0.90	1.00							
η /(mPa s)	1.551	0.756							
$T/^\circ\text{C} = 30.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.798	1.061	1.390	1.714	2.048	2.370	2.582	2.592	2.182
w_2	0.90	1.00							
η /(mPa s)	1.380	0.706							
$T/^\circ\text{C} = 35.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.719	0.944	1.226	1.498	1.772	2.030	2.206	2.207	1.877
w_2	0.90	1.00							
η /(mPa s)	1.236	0.672							
$T/^\circ\text{C} = 40.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.653	0.846	1.093	1.328	1.549	1.755	1.896	1.862	1.634

w_2	0.90	1.00							
$\eta /(\text{mPa s})$	1.111	0.631							
$T / ^\circ\text{C} = 50.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.547	0.693	0.879	1.061	1.220	1.360	1.449	1.455	1.273
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	0.911	0.562							
$T / ^\circ\text{C} = 60.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.467	0.583	0.729	0.869	0.988	1.088	1.147	1.139	1.016
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	0.759	0.505							
$T / ^\circ\text{C} = 70.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.404	0.497	0.614	0.739	0.812	0.887	0.929	0.920	0.821
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	0.648	0.460							
$T / ^\circ\text{C} = 80.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.355	0.429	0.520	0.619	0.684	0.741	0.768	0.761	0.672
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	0.560	0.417							
$T / ^\circ\text{C} = 25.0$									07D1
w_2	0.0000	0.1028	0.2305	0.4951	0.6867	0.8959	1.0000		
$\eta /(\text{mPa s})$	0.891	1.2066	1.7106	2.7789	3.1656	1.7362	0.7919		
234	H₂O (1) C₆H₇N (2)	water 3-methyl-pyridine							7732-18-5 108-99-6
$T / ^\circ\text{C} = 25.0$									07D1
w_2	0.0000	0.1000	0.1980	0.6855	0.8871	1.0000			
$\eta /(\text{mPa s})$	0.891	1.2024	1.6042	3.2912	1.9717	0.8723			
235	H₂O (1) C₆H₁₂O₂ (2)	water acetic acid butyl ester							7732-18-5 123-86-4
$T / \text{K} = 288.15$									93P3, 93T1
x_2	0.0000	0.0006	0.9824	1.0000					
$\nu /(\text{mm}^2/\text{s})$	1.1481	1.1561	0.8885	0.8830					
$T / \text{K} = 293.15$									93P3, 93T1

x_2	0.0000	0.0006	0.9824	1.0000
$\nu /(\text{mm}^2/\text{s})$	1.0155	1.0189	0.8311	0.8267

 $T/\text{K} = 298.15$

93P3, 93T1

x_2	0.0000	0.0006	0.9824	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.9057	0.9076	0.7798	0.7763

236 **H₂O (1)** **water** **7732-18-5**
 C₆H₁₂O₂ (2) **4-hydroxy-4-methyl-pentan-2-one** **123-42-2**

 $T/\text{K} = 303.15$

98M1

x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	2.510	2.810	3.270	3.650	4.150	4.550	4.710	4.570	4.080

x_1	0.9	1.0
$\eta /(\text{mPa s})$	2.600	0.798

 $T/\text{K} = 323.15$

98M1

x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	1.570	1.690	1.820	2.060	2.100	2.300	2.320	2.310	2.090

x_1	0.9	1.0
$\eta /(\text{mPa s})$	1.480	0.547

 $T/\text{K} = 343.15$

98M1

x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	1.070	1.100	1.190	1.250	1.290	1.410	1.380	1.370	1.240

x_1	0.9	1.0
$\eta /(\text{mPa s})$	0.959	0.404

Tables are given in the original source 98M1 for pressures up to 100 MPa.

98M1

 $T/\text{K} = 298.15$

95G1

x_1	0.0000	0.2547	0.4824	0.6067	0.7114	0.7760	0.8342	0.8860	0.9237
$\eta /(\text{mPa s})$	2.902	4.143	5.758	6.204	5.917	5.315	4.609	3.616	2.698

x_1	0.9508	0.9511	0.9717	0.9830	1.0000
$\eta /(\text{mPa s})$	2.022	2.022	1.516	1.261	0.997

237 **H₂O (1)** **water** **7732-18-5**
 C₆H₁₃NO (2) **N,N-diethyl-acetamide** **685-91-6**

 $T/^\circ\text{C} = 25.0$

68A1

x_1	0.0000	0.0650	0.1626	0.2550	0.3529	0.4791	0.6036	0.6894	0.7465
$\eta /(\text{mPa s})$	1.226	1.321	1.563	1.865	2.265	2.928	3.707	4.221	4.381

x_1	0.7702	0.8188	0.9049
$\eta /(\text{mPa s})$	4.361	4.205	2.456

238	H₂O (1) C₆H₁₄O (2)	water hexan-1-ol								7732-18-5 111-27-3
<i>T</i> /°C = 15.0										
<i>x</i> ₁	0.0000	0.0013	0.0544	0.1019	0.1483	0.1875	0.2248	0.2645	0.2919	
<i>η</i> /(mPa s)	6.336	6.331	6.184	6.109	3.063	6.068	6.096	6.152	6.213	
<i>T</i> /°C = 25.0										
<i>x</i> ₁	0.0000	0.0042	0.0593	0.1079	0.1483	0.1933	0.2367	0.2673	0.2981	
<i>η</i> /(mPa s)	4.582	4.567	4.427	4.355	4.324	4.314	4.322	4.341	4.369	
<i>T</i> /°C = 35.0										
<i>x</i> ₁	0.0000	0.0042	0.0593	0.1079	0.1483	0.1933	0.2367	0.2673	0.2981	
<i>η</i> /(mPa s)	3.391	3.388	3.295	3.237	3.209	3.193	3.192	3.198	3.213	
<i>T</i> /°C = 45.0										
<i>x</i> ₁	0.0000	0.0013	0.0544	0.1019	0.1483	0.1875	0.2248	0.2673	0.3116	
<i>η</i> /(mPa s)	2.576	2.573	2.513	2.475	2.447	2.432	2.425	2.427	2.439	
239	H₂O (1) C₆H₁₄O₂ (2)	water 2-butoxy-ethanol								7732-18-5 111-76-2
<i>T</i> /K = 308.15										
<i>x</i> ₁	0.0000	0.1579	0.3047	0.4017	0.4974	0.5973	0.6970	0.8047	0.8972	
<i>η</i> /(mPa s)	2.193	2.327	2.388	2.477	2.624	2.835	2.955	2.873	2.245	
<i>x</i> ₁	0.9497	1.0000								
<i>η</i> /(mPa s)	1.576	0.719								
240	H₂O (1) C₆H₁₄O₃ (2)	water 2-(2-ethoxy-ethoxy)-ethanol								7732-18-5 111-90-0
<i>T</i> /K = 298.15										
<i>x</i> ₂	0.0000	0.0254	0.0672	0.1081	0.1438	0.2012	0.2549	0.3090	0.3492	
<i>η</i> /(mPa s)	0.89025	2.103	3.150	4.516	5.423	6.375	6.802	6.935	6.899	
<i>x</i> ₂	0.4265	0.5458	0.6113	0.6842	0.7235	0.7889	0.8474	0.9075	0.9651	
<i>η</i> /(mPa s)	6.706	6.187	5.907	5.566	5.427	5.133	4.913	4.707	4.529	
<i>x</i> ₂	1.0000									
<i>η</i> /(mPa s)	4.424									
<i>T</i> /K = 298.15										
<i>x</i> ₂	0.12	0.25	0.50	0.63	0.75	0.88				
<i>η</i> /(mPa s)	4.17	5.80	5.31	4.98	4.47	3.71				
241	H₂O (1) C₆H₁₄O₃ (2)	water 1-methoxy-2-(2-methoxy-ethoxy)-ethane								7732-18-5 111-96-6

<i>T</i> /K = 298.15										96P4
x_2	0.0091	0.0188	0.0295	0.0510	0.0854	0.1194	0.1604	0.2099	0.2597	
η /(mPa s)	1.139	1.403	1.691	2.246	2.993	3.328	3.232	2.993	2.661	
x_2	0.3028	0.3461	0.3843	0.4327	0.4651	0.5196	0.6080	0.6590	0.7106	
η /(mPa s)	2.389	2.153	1.982	1.791	1.691	1.536	1.356	1.272	1.205	
x_2	0.7695	0.8171	0.8712	0.9453	1.0000					
η /(mPa s)	1.145	1.103	1.066	1.024	1.003					
<i>T</i> /K = 298.15										64W1
x_2	0.0000	0.0104	0.0199	0.0398	0.0677	0.1000	0.1492	0.1978	0.2959	
η /(mPa s)	0.894	1.160	1.362	1.877	2.567	2.959	3.175	2.936	2.342	
x_2	0.4011	0.4988	0.5770	0.8569	1.0000					
η /(mPa s)	1.881	1.552	1.398	1.084	0.989					
242	H₂O (1)		water							7732-18-5
	C₆H₁₄O₄ (2)		2-[2-(2-hydroxy-ethoxy)-ethoxy]-ethanol							112-27-6
<i>T</i> /K = 303.15										97P2
x_2	0.0004	0.0008	0.0014	0.0024	0.0056	0.0110	0.0317	0.0563	0.0988	
η /(mPa s)	0.781	0.788	0.798	0.820	0.875	0.986	1.480	2.254	4.058	
x_2	0.1954	0.2932	0.3871	0.5032	0.5991	0.6914	0.7941	0.8891	0.9432	
η /(mPa s)	8.931	14.104	18.230	22.215	24.202	26.056	27.166	28.091	28.530	
<i>T</i> /K = 308.15										97P2
x_2	0.0004	0.0008	0.0014	0.0024	0.0056	0.0110	0.0317	0.0563	0.0988	
η /(mPa s)	0.707	0.714	0.725	0.736	0.787	0.877	1.298	1.934	3.330	
x_2	0.1954	0.2932	0.3871	0.5032	0.5991	0.6914	0.7941	0.8891	0.9432	
η /(mPa s)	7.273	11.273	14.474	17.446	19.260	20.449	21.781	22.141	22.528	
<i>T</i> /K = 298.15										82B1
w_1	0.00	0.25	0.50	0.75	1.00					
η /(mPa s)	37.0	15.9	5.28	2.00	0.89					
<i>T</i> /K = 313.15										82B1
w_1	0.00	0.25	0.50	0.75	1.00					
η /(mPa s)	18.9	8.54	3.25	1.40	0.65					
<i>T</i> /°C = 25.0										77I1
x_2	0.0000	0.0148	0.0322	0.0541	0.0861	0.1179	0.1658	0.2375	0.3437	
η /(mPa s)	0.8941	1.2719	1.7857	2.6209	3.9092	5.9705	9.0929	14.0996	20.840	
x_2	0.5413	0.7152	1.0000							
η /(mPa s)	29.4004	33.8726	37.3794							
<i>T</i> /°C = 25.0										68J1

w_2	0.0000	0.4280	0.6289	0.8178	1.0000				
η /(mPa s)	0.8937	3.65	8.70	19.77	37.26				
$T/^\circ\text{C} = 25.0$									
x_2	0.0000	0.0148	0.0322	0.0541	0.0861	0.1179	0.1658	0.2375	0.3437
v /(mm ² /s)	0.8964	1.2552	2.7342	2.5044	3.6782	5.5385	8.3337	12.7911	18.773
x_2	0.5413	0.7152	1.0000						
v /(mm ² /s)	26.3515	30.2975	33.3744						
243	H₂O (1)		water					7732-18-5	
	C₆H₁₅N (2)		triethylamine					121-44-8	
$T/^\circ\text{C} = 19.0$									
x_1	0.0000	0.1006	0.2040	0.2996	0.4007	0.4997	0.5997	0.7028	0.7996
η /(mPa s)	0.3667	0.4262	0.5207	0.6473	0.8519	1.1675	1.6803	2.5108	3.4890
x_1	0.9800	0.9850	0.9905	0.9951	1.0000				
η /(mPa s)	1.8115	1.6042	1.3677	1.1916	1.0299				
$T/^\circ\text{C} = 20.0$									
x_1	0.0000	0.1006	0.2040	0.2996	0.4007	0.4997	0.5997	0.7028	
η /(mPa s)	0.3608	0.4211	0.5113	0.6374	0.8296	1.1347	1.6137	2.3850	
x_1	0.9800	0.9850	0.9905	0.9951	1.0000				
η /(mPa s)	1.7217	1.5544	1.3230	1.1757	1.0050				
$T/^\circ\text{C} = 5.0$									
x_2	0.0000	0.0444	0.0993	0.202	0.295	0.402	0.493	0.587	0.699
η /(mPa s)	1.517	2.116	3.143	5.374	7.200	8.666	8.830	7.818	5.199
x_2	0.792	0.904	0.954	1.000					
η /(mPa s)	2.882	1.070	0.669	0.431					
$T/^\circ\text{C} = 15.0$									
x_2	0.0000	0.0444	0.0993	0.202	0.295	0.402	0.493	0.587	0.699
η /(mPa s)	1.138	1.507	2.077	3.285	4.269	4.921	4.932	4.399	3.136
x_2	0.792	1.000							
η /(mPa s)	1.927	0.383							
$T/^\circ\text{C} = 16.0$									
w_2	0.0760	0.1506	0.1802	0.2390	0.3248	0.4171	0.5233	0.6277	0.7414
η/η_{water}	1.510	2.138	2.391	2.893	3.544	4.015	3.795	3.233	2.090
w_2	0.8663	0.9314	1.0000						
η/η_{water}	0.9659	0.6120	0.3937						
$x_2 = 0.0307$									
$T/^\circ\text{C}$	14.8	15.8	16.8	17.7	18.35	18.61	18.81	18.885	18.97
η /(mPa s)	2.590	2.479	2.384	2.284	2.213	2.181	2.171	2.157	2.142

$x_2 = 0.0588$										52S1
$T/^\circ\text{C}$	15.65	16.0	17.1	17.8	18.14	18.18	18.20	18.21	18.22	
$\eta/(\text{mPa s})$	3.766	3.718	3.509	3.416	3.473	3.520	3.535	3.504	3.395	
$x_2 = 0.101$										52S1
$T/^\circ\text{C}$	12.5	13.75	15.05	16.0	17.02	18.01	18.15	18.205	18.22	
$\eta/(\text{mPa s})$	5.577	5.185	4.852	4.596	4.372	4.271	4.372	4.495	4.311	
$x_2 = 0.1314$										52S1
$T/^\circ\text{C}$	14.8	15.9	16.55	17.1	17.7	18.0	18.10	18.12	18.135	
$\eta/(\text{mPa s})$	5.357	5.047	4.885	4.726	4.639	4.621	4.650	4.661	4.615	

(additional data within this concentration range can be found in the original source 52S1)

$T/^\circ\text{C} = 0.0$										51K2
x_1	0.0000	0.0905	0.1953	0.2402	0.3030	0.4510	0.6400	0.7870	0.8600	
$\eta/(\text{mPa s})$	0.448	0.530	0.672	0.761	0.972	1.607	4.62	9.81	11.79	
x_1	0.9497	1.0000								
$\eta/(\text{mPa s})$	7.60	1.789								
$T/^\circ\text{C} = 10.0$										51K2
x_1	0.0000	0.0905	0.1953	0.2402	0.3030	0.4510	0.6400	0.7870	0.8600	
$\eta/(\text{mPa s})$	0.398	0.464	0.587	0.644	0.754	1.212	2.906	5.435	6.347	
x_1	0.9497	1.0000								
$\eta/(\text{mPa s})$	4.410	1.306								
$T/^\circ\text{C} = 20.0$										51K2
x_1	0.0000	0.0905	0.1953	0.2402	0.3030	0.4510	0.6400	0.7870	0.8600	
$\eta/(\text{mPa s})$	0.368	0.418	0.512	0.568	0.647	0.979	2.060	3.477	4.110	
x_1	0.9497	1.0000								
$\eta/(\text{mPa s})$	3.112	1.055								
$T/^\circ\text{C} = 15.0$										35M1
x_2	0.0497	0.1275	0.2000	0.3998	0.4944	0.5954	0.8061	1.0000		
$\eta/(\text{mPa s})$	3.4274	4.9540	4.2876	1.9608	1.3203	0.9216	0.5577	0.4104		

244	H₂O (1)	water							7732-18-5	
	C₆H₁₅NO₃ (2)	tris-(2-hydroxy-ethyl)-amine							102-71-6	
$T/^\circ\text{C} = 20.0$										47L1
w_2	0.20	0.50	0.75	1.00						
$\eta/(\text{mPa s})$	2.000	8.51	64.6	795.0						
$T/^\circ\text{C} = 50.0$										47L1
w_2	0.20	0.50	0.75	1.00						
$\eta/(\text{mPa s})$	0.988	3.24	14.8	123.0						
$T/^\circ\text{C} = 80.0$										47L1

w_2	0.20	0.50	0.75	1.00					
η /(mPa s)	0.562	1.45	4.37	25.3					
$T/^\circ\text{C} = 100.0$									47L1
w_2	0.20	0.50	0.75	1.00					
η /(mPa s)	0.407	0.923	2.15	10.5					
245	H₂O (1)		water						7732-18-5
	C₆H₁₈N₃OP (2)		hexamethylphosphoric triamide						680-31-9
$T/\text{K} = 283.15$									81C1
x_2	0.0000	0.0176	0.0491	0.0983	0.1516	0.2026	0.2544	0.3006	0.3955
η /(mPa s)	1.3060	3.9180	6.9960	13.9142	17.1591	17.2180	15.6723	13.8254	10.617
x_2	0.4979	0.5954	0.7024	0.8049	0.8886	1.0000			
η /(mPa s)	8.8221	7.3560	6.4532	5.7043	5.0936	4.5122			
$T/\text{K} = 298.15$									81C1
x_2	0.0000	0.0176	0.0491	0.0983	0.1516	0.2026	0.2544	0.3006	0.3955
η /(mPa s)	0.8903	1.6381	3.5576	6.3576	8.2699	8.2949	8.1738	7.3467	6.2837
x_2	0.4979	0.5954	0.7024	0.8049	0.8886	1.0000			
η /(mPa s)	5.2403	4.7622	4.3224	3.9039	3.5264	3.2068			
$T/\text{K} = 308.15$									81C1
x_2	0.0000	0.0176	0.0491	0.0983	0.1516	0.2026	0.2544	0.3006	0.3955
η /(mPa s)	0.7194	1.2460	2.4876	4.2710	5.4789	5.7408	5.6098	5.2717	4.6293
x_2	0.4979	0.5954	0.7024	0.8049	0.8886	1.0000			
η /(mPa s)	4.0811	3.6106	3.4078	3.1193	2.9855	2.6912			
$T/\text{K} = 328.15$									81C1
x_2	0.0000	0.0176	0.0491	0.0983	0.1516	0.2026	0.2544	0.3006	0.3955
η /(mPa s)	0.5044	0.7959	1.4012	2.2566	2.8196	3.0238	3.0602	2.9169	2.7177
x_2	0.4979	0.5954	0.7024	0.8049	0.8886	1.0000			
η /(mPa s)	2.5235	2.3833	2.2339	2.1210	2.0478	1.9031			
$T/^\circ\text{C} = 25.0$									76G1
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50
η /(mPa s)	0.9005	3.492	6.489	7.881	8.275	7.986	7.338	6.200	5.295
x_2	0.60	0.70	0.80	0.90	1.00				
η /(mPa s)	4.702	4.277	3.876	3.535	3.288				
$T/^\circ\text{C} = 35.0$									76G1
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50
η /(mPa s)	0.7194	2.459	4.327	5.255	5.561	5.493	5.179	4.666	4.131
x_2	0.60	0.70	0.80	0.90	1.00				
η /(mPa s)	3.661	3.439	3.130	2.930	2.776				
$T/^\circ\text{C} = 45.0$									76G1

x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50
$\eta /(\text{mPa s})$	0.599	1.862	3.228	3.884	4.097	4.071	3.938	3.586	3.186
x_2	0.60	0.70	0.80	0.90	1.00				
$\eta /(\text{mPa s})$	2.938	2.771	2.579	2.414	2.299				
246	H₂O (1)		water						7732-18-5
	C₇H₉N (2)		benzylamine						100-46-9
$T/\text{K} = 303.15$									93L2
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	1.497	1.681	1.957	2.308	2.669	3.100	3.323	3.387	3.098
x_1	0.9	1.0							
$\eta /(\text{mPa s})$	2.231	0.856							
$T/\text{K} = 313.15$									93L2
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	1.262	1.396	1.591	1.823	2.064	2.353	2.510	2.512	2.324
x_1	0.9	1.0							
$\eta /(\text{mPa s})$	1.725	0.658							
$T/\text{K} = 323.15$									93L2
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	1.071	1.182	1.309	1.469	1.648	1.831	1.930	1.956	1.793
x_1	0.9	1.0							
$\eta /(\text{mPa s})$	1.385	0.539							
247	H₂O (1)		water						7732-18-5
	C₇H₉N (2)		2,4-dimethyl-pyridine						108-47-4
$T/^\circ\text{C} = 0.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.787	2.769	4.258	6.26	8.59	11.50	11.09	14.86	10.91
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	4.517	1.203							
$T/^\circ\text{C} = 5.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.519	2.298	3.506	4.959	6.63	8.51	10.26	10.61	8.12
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	3.713	1.110							
$T/^\circ\text{C} = 10.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.307	1.947	2.928	4.088	5.26	6.56	7.78	8.03	6.27
w_2	0.90	1.00							

η /(mPa s)	3.103	1.030							
$T/^\circ\text{C} = 15.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.139	1.680	2.521	3.413	4.304	5.19	6.05	6.19	4.986
w_2	0.90	1.00							
η /(mPa s)	2.634	0.951							
$T/^\circ\text{C} = 20.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.002	1.461	2.180	2.872	3.573	4.196	4.789	4.921	4.029
w_2	0.90	1.00							
η /(mPa s)	2.258	0.890							
$T/^\circ\text{C} = 25.0$									84G2
w_2	0.00	0.60	0.70	0.80	0.90	1.00			
η /(mPa s)	0.890	3.865	3.961	3.306	1.948	0.829			
$T/^\circ\text{C} = 30.0$									84G2
w_2	0.00	0.60	0.70	0.80	0.90	1.00			
η /(mPa s)	0.798	3.171	3.240	2.758	1.699	0.771			
$T/^\circ\text{C} = 35.0$									84G2
w_2	0.00	0.60	0.70	0.80	0.90	1.00			
η /(mPa s)	0.719	2.661	2.703	2.321	1.501	0.726			
$T/^\circ\text{C} = 40.0$									84G2
w_2	0.00	0.70	0.80	0.90	1.00				
η /(mPa s)	0.653	2.279	1.988	1.333	0.677				
$T/^\circ\text{C} = 50.0$									84G2
w_2	0.00	0.70	0.80	0.90	1.00				
η /(mPa s)	0.547	1.690	1.488	1.071	0.601				
$T/^\circ\text{C} = 60.0$									84G2
w_2	0.00	0.70	0.80	0.90	1.00				
η /(mPa s)	0.467	1.310	1.166	0.853	0.539				
$T/^\circ\text{C} = 70.0$									84G2
w_2	0.00	0.80	0.90	1.00					
η /(mPa s)	0.404	0.930	0.701	0.486					
$T/^\circ\text{C} = 80.0$									84G2
w_2	0.00	0.80	0.90	1.00					
η /(mPa s)	0.355	0.766	0.594	0.437					

248	H₂O (1) C₇H₉N (2)	water 2,6-dimethyl-pyridine	7732-18-5 108-48-5
$T/^\circ\text{C} = 25.0$			99C1

w_2	0.1099	0.2399	0.3311	0.4597	0.4498				
$\eta /(\text{mPa s})$	1.346	2.066	2.713	3.638	3.916				
$T / ^\circ\text{C} = 22.0$									93G3
w_2	0.000	0.100	0.200	0.301	0.351	0.500	0.700	0.800	0.900
$\eta /(\text{mPa s})$	0.955	1.357	1.932	2.915	3.275	4.298	5.153	4.278	2.687
w_2	1.000								
$\eta /(\text{mPa s})$	0.929								
$T / ^\circ\text{C} = 0.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.787	2.951	4.651	7.09	10.28	14.14	17.85	17.63	12.89
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	5.14	1.171							
$T / ^\circ\text{C} = 5.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.519	2.406	3.680	5.49	7.63	10.21	12.49	12.57	9.42
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	4.157	1.083							
$T / ^\circ\text{C} = 10.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.307	2.026	3.012	4.355	5.92	7.68	9.25	9.35	7.18
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	3.465	1.006							
$T / ^\circ\text{C} = 15.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.139	1.725	2.526	3.570	4.692	5.96	7.06	7.17	5.65
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	2.913	0.943							
$T / ^\circ\text{C} = 20.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.002	1.490	2.149	2.973	3.821	4.743	5.52	5.59	4.549
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	2.482	0.866							
$T / ^\circ\text{C} = 25.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.890	1.300	1.849	2.528	3.166	3.840	4.396	4.465	3.685
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	2.113	0.819							
$T / ^\circ\text{C} = 30.0$									84G2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80

η /(mPa s)	0.798	1.145	1.619	2.205	2.692	3.166	3.576	3.631	3.033
w_2	0.90	1.00							
η /(mPa s)	1.847	0.764							
$T/^\circ\text{C} = 35.0$									84G2
w_2	0.00	0.10	0.60	0.70	0.80	0.90	1.00		
η /(mPa s)	0.719	1.018	2.974	3.076	2.546	1.611	0.714		
$T/^\circ\text{C} = 40.0$									84G2
w_2	0.00	0.70	0.80	0.90	1.00				
η /(mPa s)	0.653	2.582	2.168	1.417	0.670				
$T/^\circ\text{C} = 50.0$									84G2
w_2	0.00	0.70	0.80	0.90	1.00				
η /(mPa s)	0.547	1.900	1.602	1.110	0.597				
$T/^\circ\text{C} = 60.0$									84G2
w_2	0.00	0.80	0.90	1.00					
η /(mPa s)	0.467	1.238	0.906	0.532					
$T/^\circ\text{C} = 70.0$									84G2
w_2	0.00	0.80	0.90	1.00					
η /(mPa s)	0.404	0.987	0.739	0.478					
$T/^\circ\text{C} = 80.0$									84G2
w_2	0.00	0.80	0.90	1.00					
η /(mPa s)	0.355	0.801	0.619	0.432					
$T/^\circ\text{C} = 26.969$									72S2
x_2	0.0000	0.0992	0.2011	0.2188	0.2380	0.2585	0.2754	0.3001	0.3186
η /(mPa s)	0.853	1.217	1.778	1.799	2.015	2.150	2.261	2.420	2.553
x_2	0.3414	0.3686	0.3390	0.5015	0.6000	0.6974	0.7843	0.8909	1.0000
η /(mPa s)	2.697	2.865	2.996	3.699	4.206	4.344	3.885	2.310	0.847
$T/^\circ\text{C} = 29.969$									72S2
x_2	0.0000	0.0992	0.2011	0.2188	0.2380	0.2585	0.2754	0.3001	0.3186
η /(mPa s)	0.808	1.132	1.657	1.675	1.876	2.002	2.103	2.245	2.362
x_2	0.3414	0.3686	0.3390	0.5015	0.6000	0.6974	0.7843	0.8909	1.0000
η /(mPa s)	2.491	2.651	2.737	3.318	3.739	3.853	3.503	2.112	0.833
$T/^\circ\text{C} = 33.839$									72S2
x_2	0.0000	0.0992	0.2011	0.2188	0.2380	0.2585	0.2754	0.3001	0.3186
η /(mPa s)	0.730	1.030	1.546	1.572	1.841	2.072	2.284	2.413	2.467
x_2	0.3414	0.3686	0.3390	0.5015	0.6000	0.6974	0.7843	0.8909	1.0000
η /(mPa s)	2.458	2.495	2.514	2.942	3.245	3.345	3.091	1.930	0.774
249	H₂O (1)		water						7732-18-5
	C₇H₁₃NO (2)		1-methyl-azepan-2-one						2556-73-2

$T/^\circ\text{C} = 25.0$										68A1	
x_1	0.0000	0.0975	0.2528	0.4046	0.4996	0.5770	0.6300	0.7444	0.8512		
$\eta/(\text{mPa s})$	4.920	5.355	6.172	7.197	7.854	8.208	8.282	7.430	5.101		
250	H₂O (1)	C₇H₁₅NO (2)	water				N,N-diethyl-propionamide				7732-18-5 1114-51-8
$T/^\circ\text{C} = 25.0$										68A1	
x_1	0.0000	0.0649	0.1684	0.2965	0.4448	0.5923	0.7652	0.8001	0.8352		
$\eta/(\text{mPa s})$	1.241	1.318	1.494	1.794	2.277	2.934	3.860	3.916	3.839		
x_1	0.8993	0.9093									
$\eta/(\text{mPa s})$	3.341	3.038									
251	H₂O (1)	C₇H₁₅NO (2)	water				2-piperidin-2-yl-ethanol				7732-18-5 1484-84-0
$T/^\circ\text{C} = 25.0$										92X1	
w_2	0.10	0.30	0.45	0.60	0.75						
$\eta/(\text{mPa s})$	1.426	3.959	9.631	24.900	89.029						
$T/^\circ\text{C} = 40.0$										92X1	
w_2	0.10	0.30	0.45	0.60	0.75	1.00					
$\eta/(\text{mPa s})$	1.025	2.371	5.150	11.327	35.529	77.171					
$T/^\circ\text{C} = 53.1$										92X1	
w_2	0.10	0.30	0.45	0.60	0.75	1.00					
$\eta/(\text{mPa s})$	0.753	1.719	3.341	6.644	16.374	33.483					
$T/^\circ\text{C} = 65.2$										92X1	
w_2	0.10	0.30	0.45	0.60	0.75	1.00					
$\eta/(\text{mPa s})$	0.610	1.255	2.343	4.299	9.400	17.182					
$T/^\circ\text{C} = 75.3$										92X1	
w_2	0.10	0.30	0.45	0.60	0.75	1.00					
$\eta/(\text{mPa s})$	0.527	1.016	1.815	3.134	6.301	10.715					
$T/^\circ\text{C} = 85.2$										92X1	
w_2	0.10	0.30	0.45	0.60	0.75	1.00					
$\eta/(\text{mPa s})$	0.459	0.858	1.442	2.371	4.412	7.139					
252	H₂O (1)	C₇H₁₆O₄ (2)	water				2-[2-(2-methoxy-ethoxy)-ethoxy]-ethanol				7732-18-5 112-35-6
$T/^\circ\text{C} = 25.0$										99H2	
x_2	0.0000	0.0497	0.0989	0.1415	0.2035	0.3069	0.4204	0.5037	0.6109		

η /(mPa s)	0.8903	2.531	4.964	6.443	7.869	8.456	7.901	7.472	6.897
x_2	0.7651	0.8400	0.8917	1.0000					
η /(mPa s)	6.754	6.754	6.594	6.253					
$T/^\circ\text{C} = 40.0$									99H2
x_2	0.0000	0.0497	0.0989	0.1415	0.2035	0.3069	0.4204	0.5037	0.6109
η /(mPa s)	0.6531	1.632	2.994	3.785	4.556	4.963	4.933	4.812	4.728
x_2	0.7651	0.8400	0.8917	1.0000					
η /(mPa s)	4.394	4.295	4.236	4.074					
$T/^\circ\text{C} = 50.0$									99H2
x_2	0.0000	0.0497	0.0989	0.1415	0.2035	0.3069	0.4204	0.5037	0.6109
η /(mPa s)	0.547	1.300	2.286	2.812	3.375	3.689	3.709	3.647	3.566
x_2	0.7651	0.8400	0.8917	1.0000					
η /(mPa s)	3.428	3.352	3.307	3.202					
$T/^\circ\text{C} = 60.0$									99H2
x_2	0.0000	0.0497	0.0989	0.1415	0.2035	0.3069	0.4204	0.5037	0.6109
η /(mPa s)	0.466	1.072	1.764	2.167	2.576	2.826	2.881	2.853	2.805
x_2	0.7651	0.8400	0.8917	1.0000					
η /(mPa s)	2.720	2.688	2.662	2.618					
$T/^\circ\text{C} = 70.0$									99H2
x_2	0.0000	0.0497	0.0989	0.1415	0.2035	0.3069	0.4204	0.5037	0.6109
η /(mPa s)	0.4049	0.883	1.417	1.710	2.022	2.230	2.307	2.300	2.255
x_2	0.7651	0.8400	0.8917	1.0000					
η /(mPa s)	2.198	2.210	2.217	2.121					
$T/^\circ\text{C} = 80.0$									99H2
x_2	0.0000	0.0497	0.0989	0.1415	0.2035	0.3069	0.4204	0.5037	0.6109
η /(mPa s)	0.3554	0.745	1.152	1.388	1.631	1.799	1.862	1.866	1.858
x_2	0.7651	0.8400	0.8917	1.0000					
η /(mPa s)	1.811	1.816	1.811	1.968					
$T/\text{K} = 298.15$									96P2
x_2	0.0000	0.0211	0.0490	0.0813	0.1234	0.1677	0.2255	0.2668	0.3073
η /(mPa s)	0.89025	1.618	2.902	4.466	6.429	7.920	8.966	9.333	9.452
x_2	0.3403	0.4018	0.4514	0.5151	0.5734	0.6295	0.6824	0.7188	0.7989
η /(mPa s)	9.430	9.258	9.041	8.756	8.494	8.220	7.975	7.823	7.543
x_2	0.8449	0.9067	0.9588	1.0000					
η /(mPa s)	7.378	7.185	7.036	6.9639					
$T/\text{K} = 308.15$									96P3
x_2	0.0000	0.0226	0.0554	0.0964	0.1278	0.1726	0.2157	0.2434	0.3020
η /(mPa s)	0.7190	1.317	2.514	3.669	4.537	5.437	5.977	6.176	6.380
x_2	0.3364	0.3687	0.3952	0.4200	0.4712	0.5057	0.5471	0.6208	0.6681

η /(mPa s)	6.428	6.422	6.376	6.331	6.215	6.123	6.022	5.830	5.716
x_2	0.6996	0.7750	0.8279	0.8744	0.9499	1.0000			
η /(mPa s)	5.651	5.463	5.355	5.266	5.134	5.055			
253	H₂O (1)		water						7732-18-5
	C₈H₁₁N (2)		5-ethyl-2-methyl-pyridine						104-90-5
$T/^\circ\text{C} = 0.0$									84G2
w_2	0.00	0.75	0.80	0.85	0.90	0.95	1.00		
η /(mPa s)	1.787	12.50	10.09	7.44	5.25	2.891	1.497		
$T/^\circ\text{C} = 5.0$									84G2
w_2	0.00	0.75	0.80	0.85	0.90	0.95	1.00		
η /(mPa s)	1.519	9.99	8.11	6.23	4.324	2.533	1.363		
$T/^\circ\text{C} = 10.0$									84G2
w_2	0.00	0.75	0.80	0.85	0.90	0.95	1.00		
η /(mPa s)	1.307	7.75	6.37	5.01	3.601	2.208	1.248		
$T/^\circ\text{C} = 15.0$									84G2
w_2	0.00	0.80	0.85	0.90	0.95	1.00			
η /(mPa s)	1.139	5.13	4.114	3.034	1.947	1.151			
$T/^\circ\text{C} = 20.0$									84G2
w_2	0.00	0.85	0.90	0.95	1.00				
η /(mPa s)	1.002	3.431	2.588	1.735	1.066				
$T/^\circ\text{C} = 25.0$									84G2
w_2	0.00	0.85	0.90	0.95	1.00				
η /(mPa s)	0.890	2.874	2.230	1.546	0.987				
$T/^\circ\text{C} = 30.0$									84G2
w_2	0.00	0.85	0.90	0.95	1.00				
η /(mPa s)	0.798	2.460	1.936	1.384	0.922				
$T/^\circ\text{C} = 35.0$									84G2
w_2	0.00	0.85	0.90	0.95	1.00				
η /(mPa s)	0.719	2.103	1.705	1.247	0.801				
$T/^\circ\text{C} = 40.0$									84G2
w_2	0.00	0.85	0.90	0.95	1.00				
η /(mPa s)	0.653	1.791	1.506	1.133	0.805				
$T/^\circ\text{C} = 50.0$									84G2
w_2	0.00	0.90	0.95	1.00					
η /(mPa s)	0.547	1.204	0.943	0.709					
$T/^\circ\text{C} = 60.0$									84G2
w_2	0.00	0.90	0.95	1.00					
η /(mPa s)	0.467	0.961	0.792	0.633					

$T/^\circ\text{C} = 70.0$										84G2
w_2	0.00	0.90	0.95	1.00						
$\eta/(\text{mPa s})$	0.404	0.791	0.674	0.567						
$T/^\circ\text{C} = 80.0$										84G2
w_2	0.00	0.90	0.95	1.00						
$\eta/(\text{mPa s})$	0.355	0.663	0.587	0.511						
254	H₂O (1)		water							7732-18-5
	C₈H₁₁N (2)		2,4,6-trimethyl-pyridine							108-75-8
$w_2 = 0.80$										84G2
$T/^\circ\text{C}$	0.0	5.0	10.0							
$\eta/(\text{mPa s})$	14.31	10.40	8.61							
$w_2 = 0.85$										84G2
$T/^\circ\text{C}$	0.0	5.0	10.0	15.0	20.0	25.0				
$\eta/(\text{mPa s})$	10.01	7.95	6.26	5.02	4.050	3.332				
$w_2 = 0.90$										84G2
$T/^\circ\text{C}$	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	
$\eta/(\text{mPa s})$	5.72	4.71	3.879	3.272	2.729	2.321	1.952	1.628	1.369	
$w_2 = 0.95$										84G2
$T/^\circ\text{C}$	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	
$\eta/(\text{mPa s})$	2.51	2.232	1.968	1.761	1.578	1.424	1.301	1.187	1.091	
$T/^\circ\text{C}$	50.0	60.0	70.0	80.0						
$\eta/(\text{mPa s})$	0.941	0.819	0.718	0.637						
$w_2 = 1.00$										84G2
$T/^\circ\text{C}$	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	
$\eta/(\text{mPa s})$	1.420	1.251	1.101	0.994	0.888	0.802	0.737	0.675	0.620	
$T/^\circ\text{C}$	50.0	60.0	70.0	80.0						
$\eta/(\text{mPa s})$	0.535	0.461	0.409	0.362						
$T/^\circ\text{C} = 15.0$										35M1
x_2	0.0014	0.3003	0.4310	0.6479	0.900	1.000				
$\eta/(\text{mPa s})$	1.1604	7.8880	5.8860	2.9400	1.8702	1.1110				
255	H₂O (1)		water							7732-18-5
	C₈H₁₅NO (2)		1-tert-butyl-pyrrolidin-2-one							20687-53-0
$T/^\circ\text{C} = 25.0$										68A1
x_1	0.0000	0.1105	0.2610	0.4035	0.5487	0.6233	0.6749	0.7189	0.7798	
$\eta/(\text{mPa s})$	3.131	3.470	4.047	4.767	5.492	5.797	5.862	5.816	5.444	
x_1	0.8652									

η /(mPa s) 4.223

256 **H₂O (1)** **water** **7732-18-5**
 C₈H₁₇NO (2) **N,N-diisopropyl-acetamide** **759-22-8**

 $T/^\circ\text{C} = 25.0$ 68A1 x_1 0.0000 0.0812 0.2041 0.3933 0.5827 0.6893 0.7296 0.7747 0.8218 η /(mPa s) 2.180 2.404 2.832 3.613 4.685 5.219 5.301 5.261 4.962 x_1 0.8560 η /(mPa s) 4.593

257 **H₂O (1)** **water** **7732-18-5**
 C₈H₁₇NO (2) **N,N-dipropyl-acetamide** **1116-24-1**

 $T/^\circ\text{C} = 25.0$ 68A1 x_1 0.0000 0.0688 0.1822 0.3049 0.4342 0.5515 0.6896 0.7400 0.7620 η /(mPa s) 2.204 2.382 2.714 3.126 3.667 4.260 4.870 4.958 4.952 x_1 0.7891 0.8742 0.9163 η /(mPa s) 4.886 3.945 2.962

258 **H₂O (1)** **water** **7732-18-5**
 C₈H₁₈O₃ (2) **2-(2-butoxy-ethoxy)-ethanol** **112-34-5**

 $T/\text{K} = 298.15$ 96P1 x_2 0.0000 0.0268 0.0522 0.0840 0.1144 0.1603 0.2141 0.2607 0.3163 η /(mPa s) 0.89025 2.327 3.212 4.537 5.504 6.518 7.201 7.501 7.636 x_2 0.3747 0.4108 0.4437 0.5014 0.5579 0.6166 0.6774 0.7187 0.7853 η /(mPa s) 7.612 7.519 7.434 7.218 7.001 6.755 6.475 6.327 6.054 x_2 0.8464 0.8976 0.9634 1.0000 η /(mPa s) 5.821 5.636 5.413 5.503 $T/\text{K} = 298.15$ 94K1 x_2 0.015 0.02 0.03 0.04 0.10 0.30 0.60 1.00 η /(mPa s) 1.35 1.51 1.89 2.29 4.36 6.66 5.89 4.59

259 **H₂O (1)** **water** **7732-18-5**
 C₈H₁₈O₄ (2) **2-[2-(2-ethoxy-ethoxy)-ethoxy]-ethanol** **112-50-5**

 $T/\text{K} = 298.15$ 96P2 x_2 0.0000 0.0079 0.0173 0.0312 0.0514 0.0709 0.0947 0.1236 0.1710 η /(mPa s) 0.89025 1.222 1.631 2.350 3.554 4.769 6.175 7.595 9.194 x_2 0.2116 0.2564 0.3068 0.3627 0.4260 0.4653 0.5118 0.5775 0.6718 η /(mPa s) 9.926 10.299 10.350 10.186 9.863 9.639 9.362 8.986 8.483

x_2	0.7243	0.7552	0.8120	0.8449	0.8987	0.9377	1.0000		
η /(mPa s)	8.209	8.069	7.834	7.712	7.518	7.401	7.210		
260	H₂O (1)		water					7732-18-5	
	C₈H₁₈O₄ (2)		1,2-bis-(2-methoxy-ethoxy)-ethane					112-49-2	
T /K = 298.15									96P4
x_2	0.0057	0.0124	0.0176	0.0247	0.0326	0.0455	0.0673	0.0826	0.1017
η /(mPa s)	1.058	1.278	1.444	1.737	2.063	2.613	3.462	4.032	4.344
x_2	0.1215	0.1423	0.1607	0.1907	0.2288	0.3074	0.3653	0.4097	0.4857
η /(mPa s)	4.581	4.678	4.625	4.512	4.179	3.588	3.236	3.035	2.706
x_2	0.5930	0.6382	0.7020	0.7475	0.7813	0.8141	0.8937	0.9665	1.0000
η /(mPa s)	2.598	2.311	2.269	2.220	2.166	2.121	2.068	2.035	2.009
T /K = 298.15									68W1
x_2	0.0000	0.0077	0.0143	0.0255	0.0484	0.0796	0.0814	0.0934	0.1022
η /(mPa s)	0.8937	1.15	1.38	1.83	2.79	3.89	3.95	4.25	4.04
x_2	0.1092	0.1166	0.1407	0.1731	0.2117	0.2745	0.3483	0.4311	0.5899
η /(mPa s)	4.49	4.60	4.68	4.63	4.39	3.87	3.29	2.90	2.41
x_2	0.7450	0.7839	0.8687	1.0000					
η /(mPa s)	2.16	2.10	2.04	1.96					
T /K = 293.15									96O1
x_2	0.0000	0.0511	0.0747	0.1080	0.1586	0.1950	0.2442	0.3140	0.3509
ν /(mm ² /s)	1.0106	4.5071	5.9196	7.3470	7.6040	7.1842	6.6689	5.9121	5.6086
x_2	0.4210	0.5176	0.6055	0.6597	0.7231	0.7983	0.8819	0.9251	1.0000
ν /(mm ² /s)	5.1609	4.7046	4.3479	4.2115	4.0610	3.9294	3.8385	3.7692	3.7255
T /K = 313.15									96O1
x_2	0.0000	0.0511	0.0747	0.1080	0.1586	0.1950	0.2442	0.3140	0.3509
ν /(mm ² /s)	0.6583	2.3381	2.9562	3.5433	3.7468	3.6956	3.5341	3.2790	3.1562
x_2	0.4210	0.5176	0.6055	0.6597	0.7231	0.7983	0.8819	0.9251	1.0000
ν /(mm ² /s)	2.9824	2.7896	2.6631	2.6118	2.5437	2.4891	2.4534	2.4223	2.4041
T /K = 323.15									96O1
x_2	0.0000	0.0511	0.0747	0.1080	0.1586	0.1950	0.2442	0.3140	0.3509
ν /(mm ² /s)	0.5556	1.8161	2.2411	2.6807	2.8427	2.8053	2.7276	2.5601	2.5090
x_2	0.4210	0.5176	0.6055	0.6597	0.7231	0.7983	0.8819	0.9251	1.0000
ν /(mm ² /s)	2.3846	2.2714	2.1766	2.1404	2.0994	2.0613	2.0398	2.0302	2.0183
T /K = 333.15									96O1
x_2	0.0000	0.0511	0.0747	0.1080	0.1586	0.1950	0.2442	0.3140	0.3509
ν /(mm ² /s)	0.4670	1.4431	1.7577	2.0838	2.2307	2.2193	2.1885	2.0750	2.0546
x_2	0.4210	0.5176	0.6055	0.6597	0.7231	0.7983	0.8819	0.9251	1.0000
ν /(mm ² /s)	1.9921	1.9044	1.8472	1.8121	1.7858	1.7619	1.7387	1.7282	1.7135

261	H₂O (1)		water					7732-18-5	
	C₈H₁₈O₅ (2)		2-(2-(2-(2-hydroxy-ethoxy)-ethoxy)-ethoxy)-ethanol					112-60-7	
<i>T</i> /K = 303.15									97P2
<i>x</i> ₂	0.0003	0.0008	0.0012	0.0027	0.0051	0.0115	0.0339	0.0941	0.1918
<i>η</i> /(mPa s)	0.784	0.794	0.804	0.843	0.909	1.094	1.958	5.694	13.821
<i>x</i> ₂	0.2972	0.3958	0.5753	0.6691	0.7737	0.8847	0.9219		
<i>η</i> /(mPa s)	21.423	25.894	30.519	31.866	33.079	34.033	34.266		
<i>T</i> /K = 308.15									97P2
<i>x</i> ₂	0.0003	0.0008	0.0012	0.0027	0.0051	0.0115	0.0339	0.0941	0.1918
<i>η</i> /(mPa s)	0.714	0.717	0.726	0.758	0.812	0.972	1.688	4.713	11.040
<i>x</i> ₂	0.2972	0.3958	0.5753	0.6691	0.7737	0.8847	0.9219		
<i>η</i> /(mPa s)	16.695	20.272	23.921	24.934	26.263	26.693	26.785		
<i>T</i> /K = 288.15									88K2
<i>x</i> ₂	0.0972	0.2137	0.2741	0.4086	0.4892	0.5682	0.6409	0.7736	0.8898
<i>η</i> /(mPa s)	12.40	27.60	37.65	46.45	50.59	54.27	56.30	58.10	58.80
<i>x</i> ₂	1.0000								
<i>η</i> /(mPa s)	59.20								
<i>T</i> /K = 298.15									88K2
<i>x</i> ₂	0.0972	0.2137	0.2741	0.4086	0.4892	0.5682	0.6409	0.7736	0.8898
<i>η</i> /(mPa s)	7.53	17.22	21.10	26.85	29.28	30.92	32.21	33.60	34.15
<i>x</i> ₂	1.0000								
<i>η</i> /(mPa s)	34.46								
<i>T</i> /K = 308.15									88K2
<i>x</i> ₂	0.0972	0.2137	0.2741	0.4086	0.4892	0.5682	0.6409	0.7736	0.8898
<i>η</i> /(mPa s)	5.27	11.40	13.80	17.27	18.52	19.24	19.72	20.35	20.73
<i>x</i> ₂	1.0000								
<i>η</i> /(mPa s)	20.98								
<i>T</i> /K = 318.15									88K2
<i>x</i> ₂	0.0972	0.2137	0.2741	0.4086	0.4892	0.5682	0.6409	0.7736	0.8898
<i>η</i> /(mPa s)	3.59	7.40	8.75	11.10	12.08	12.85	13.31	13.75	13.95
<i>x</i> ₂	1.0000								
<i>η</i> /(mPa s)	14.04								
262	H₂O (1)		water					7732-18-5	
	C₁₀H₁₄N₂ (2)		(S)-(-)-nicotine					54-11-5	
<i>T</i> /°C = 25.0									49B1
<i>x</i> ₂	0.0000	0.1202	0.1977	0.2424	0.2592	0.2808	0.3047	0.3692	0.4852

η /(mPa s)	0.8941	11.1221	19.9609	23.8328	25.1908	24.4267	23.6034	21.0282	15.845
x_2	0.6052	0.7285	0.8635	1.0000					
η /(mPa s)	11.4298	7.9538	5.0141	3.8942					
$T/^\circ\text{C} = 35.0$									49B1
x_2	0.0000	0.1202	0.1977	0.2424	0.2592	0.2808	0.3047	0.3692	0.4852
η /(mPa s)	0.7205	6.6290	10.4012	12.0832	12.2377	12.1881	12.1004	11.1518	8.817
x_2	0.6052	0.7285	0.8635	1.0000					
η /(mPa s)	6.5720	4.8325	3.8106	3.1555					
$T/^\circ\text{C} = 50.0$									49B1
x_2	0.0000	0.1202	0.1977	0.2424	0.2592	0.2808	0.3047	0.3692	0.4852
η /(mPa s)	0.5497	3.4358	4.7713	5.3816	5.4934	5.4027	5.3037	5.1461	4.426
x_2	0.6052	0.7285	0.8635	1.0000					
η /(mPa s)	3.6237	2.8344	2.4862	2.0376					
$T/^\circ\text{C} = 20.0$									09T1
w_2	0.000	0.334	0.496	0.667	0.717	0.739	0.792	0.861	1.000
η /(mPa s)	1.002	4.637	10.96	25.63	32.72	34.48	35.27	28.47	4.536

263	H₂O (1)	C₁₀H₁₄N₂O (2)	water	N,N-diethyl-nicotinamide						7732-18-5
										59-26-7
$T/^\circ\text{C} = 0.0$										59K2
x_2	0.0499	0.0122	0.2053	0.2959	0.3387	0.4097	0.5053	0.5868	0.7261	
η /(mPa s)	10.97	28.94	98.92	162.6	181.8	210.1	231.8	237.2	239.3	
x_2	0.8602									
η /(mPa s)	241.2									
$T/^\circ\text{C} = 20.0$										59K2
x_2	0.0499	0.0122	0.2053	0.2583	0.2959	0.3387	0.4097	0.4839	0.5053	
η /(mPa s)	3.82	7.39	18.86	24.40	27.42	30.39	33.63	34.96	34.99	
x_2	0.5868	0.7261	0.7966	0.8602	1.0000					
η /(mPa s)	35.68	35.26	34.96	35.67	36.28					
$T/^\circ\text{C} = 40.0$										59K2
x_2	0.0499	0.0122	0.2053	0.2583	0.2959	0.3387	0.4097	0.4839	0.5053	
η /(mPa s)	1.56	2.81	5.46	6.01	6.86	7.35	7.89	8.21	8.26	
x_2	0.5868	0.7261	0.8602							
η /(mPa s)	8.49	8.51	8.72							

264	H₂O (1)	C₁₀H₂₂O₃ (2)	water	2-(2-hexyloxy-ethoxy)-ethanol						7732-18-5
										112-59-4
$T/\text{K} = 298.15$										94K1

x_2	0.09	0.25	0.50	0.75	1.00
η /(mPa s)	6.16	8.81	8.18	7.14	6.27

265 **H₂O (1)** **water** **7732-18-5**
C₁₀H₂₂O₄ (2) **2-[2-(2-butoxy-ethoxy)-ethoxy]-ethanol** **143-22-6**

$T/K = 298.15$ 96P2

x_2	0.0000	0.0047	0.0144	0.0326	0.0520	0.0657	0.0875	0.1268	0.1594
η /(mPa s)	0.89025	1.153	1.665	2.910	4.394	5.440	6.934	9.008	10.247

x_2	0.2279	0.2896	0.3460	0.3819	0.4318	0.4871	0.5190	0.5516	0.6257
η /(mPa s)	11.662	12.117	12.179	12.099	11.959	11.697	11.534	11.327	10.939

x_2	0.6706	0.7473	0.7897	0.8168	0.8730	0.9445	1.0000
η /(mPa s)	10.709	10.322	10.130	10.021	9.800	9.592	9.361

$T/K = 298.15$ 94K1

x_2	0.12	0.25	0.50	0.75	1.00
η /(mPa s)	7.41	10.15	10.00	8.97	8.06

266 **H₂O (1)** **water** **7732-18-5**
C₁₀H₂₂O₅ (2) **1,11-dimethoxy-3,6,9-trioxa-undecane** **143-24-8**

$T/K = 298.15$ 96P4

x_2	0.0053	0.0132	0.0263	0.0383	0.0507	0.0640	0.0658	0.0770	0.0865
η /(mPa s)	1.082	1.424	2.173	2.931	3.724	4.511	4.591	5.162	5.540

x_2	0.1017	0.1238	0.1510	0.1780	0.2201	0.2593	0.3289	0.3723	0.4051
η /(mPa s)	6.014	6.387	6.493	6.376	6.024	5.661	5.077	4.780	4.585

x_2	0.4349	0.5545	0.5962	0.6747	0.7566	0.8127	0.8330	0.9193	0.9543
η /(mPa s)	4.431	3.959	3.839	3.662	3.524	3.436	3.402	3.352	3.326

x_2	0.9742	1.0000
η /(mPa s)	3.306	3.294

$T/K = 303.15$ 94O1

x_2	0.0000	0.0511	0.0747	0.1080	0.1586	0.1950	0.2442	0.3140	0.3509
η /(mPa s)	0.7987	3.4331	4.2626	4.9578	5.3082	5.1803	4.9085	4.4203	4.2337

x_2	0.4210	0.5176	0.6055	0.6597	0.7231	0.7983	0.8819	0.9251	1.0000
η /(mPa s)	3.9247	3.5672	3.3634	3.2726	3.1834	3.1030	3.0374	2.9990	2.9455

$T/K = 298.15$ 83M2

x_2	0.0000	0.0075	0.0142	0.0297	0.0419	0.0593	0.0784	0.1139	0.1398
η /(mPa s)	0.8937	1.323	1.533	2.433	3.198	4.289	5.240	6.253	6.469

x_2	0.1543	0.1672	0.1972	0.2273	0.3237	0.4635	0.5569	0.6402	0.7613
η /(mPa s)	6.411	6.408	6.200	5.915	5.112	4.334	4.179	3.780	2.495

x_2	0.8245	1.0000
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η /(mPa s)	3.443	3.295							
T /K = 303.15									94O1
x_2	0.0000	0.0511	0.0747	0.1080	0.1586	0.1950	0.2442	0.3140	0.3509
ν /(mm ² /s)	0.8022	3.3428	4.1339	4.7948	5.1462	5.0361	4.7886	4.3315	4.1576
x_2	0.4210	0.5176	0.6055	0.6597	0.7231	0.7983	0.8819	0.9251	1.0000
ν /(mm ² /s)	3.8669	3.5274	3.3343	3.2483	3.1639	3.0881	3.0268	2.9902	2.9393

267 **H₂O (1)** **water** **7732-18-5**
C₁₁H₂₂N₂O₂ (2) **N,N,N',N'-tetramethyl-heptanediamide** **34712-64-6**

T /°C = 25.0									75D1
x_1	0.0000	0.3274	0.4373	0.4647	0.5989	0.7006	0.7982	0.9003	0.9415
η /(mPa s)	24.1	29.4	31.3	31.7	32.5	29.7	24.3	11.2	5.57
x_1	0.9761	0.9914	0.9969						
η /(mPa s)	2.28	1.30	1.03						

268 **H₂O (1)** **water** **7732-18-5**
C₁₃H₂₆N₂O₂ (2) **N,N,N',N'-tetramethyl-nonanediamide** **13424-87-8**

T /°C = 25.0									75D1
x_1	0.5620	0.6090	0.6420	0.8012	0.8993	0.9515	0.9685	0.9814	0.9901
η /(mPa s)	36.8	36.9	34.9	26.5	13.2	5.59	3.46	2.16	1.41
x_1	0.9945	0.9970							
η /(mPa s)	1.23	1.08							

3.1.3 Mixtures of organic compounds

269	CCl ₂ F ₂ (1)		dichloro-difluoro-methane					75-71-8
	CCl ₃ F (2)		trichloro-fluoro-methane					75-69-4
$T/ ^\circ\text{C} = -60.0$								80L1
x_2	0.0000	0.2068	0.4637	0.4844	0.6659	0.7418	1.0000	
$\eta /(\text{mPa s})$	0.530	0.598	0.710	0.726	0.850	0.920	1.249	
$T/ ^\circ\text{C} = -55.0$								80L1
x_2	0.0000	0.2068	0.4637	0.4844	0.6659	0.7418	1.0000	
$\eta /(\text{mPa s})$	0.506	0.564	0.674	0.686	0.800	0.860	1.165	
$T/ ^\circ\text{C} = -50.0$								80L1
x_2	0.0000	0.2068	0.4637	0.4844	0.6659	0.7418	1.0000	
$\eta /(\text{mPa s})$	0.480	0.538	0.638	0.648	0.750	0.805	1.088	

$T/^\circ\text{C} = -45.0$ 80L1

x_2	0.0000	0.2068	0.4637	0.4844	0.6659	0.7418	1.0000
$\eta /(\text{mPa s})$	0.459	0.510	0.600	0.612	0.708	0.755	0.996

$T/^\circ\text{C} = -40.0$ 80L1

x_2	0.0000	0.2068	0.4637	0.4844	0.6659	0.7418	1.0000
$\eta /(\text{mPa s})$	0.429	0.488	0.574	0.584	0.670	0.720	0.929

270 **CCl_2F_2 (1)** **dichloro-difluoro-methane** **75-71-8**
 CHClF_2 (2) **chloro-difluoro-methane** **75-45-6**

$x_1 = 0.21$ 88K1

T/K	220.	240.	260.	280.	300.	320.	340.
$\eta /(\text{mPa s})$	0.406	0.318	0.251	0.200	0.161	0.129	0.105

$x_1 = 0.54$ 88K1

T/K	220.	240.	260.	280.	300.	320.	340.
$\eta /(\text{mPa s})$	0.435	0.336	0.266	0.210	0.168	0.134	0.108

$x_1 = 0.72$ 88K1

T/K	220.	240.	260.	280.	300.	320.	340.
$\eta /(\text{mPa s})$	0.452	0.355	0.280	0.221	0.177	0.142	0.115

(at vapor-liquid equilibrium pressure)

$T/^\circ\text{C} = -70.0$ 80L1

x_1	0.2923	0.3881	0.6610	0.8125
$\eta /(\text{mPa s})$	0.516	0.526	0.549	0.565

$T/^\circ\text{C} = -65.0$ 80L1

x_1	0.0000	0.2923	0.3881	0.5521	0.6610	0.8125	1.0000
$\eta /(\text{mPa s})$	0.473	0.495	0.503	0.515	0.525	0.540	0.556

$T/^\circ\text{C} = -60.0$ 80L1

x_1	0.0000	0.2923	0.3881	0.5521	0.6610	0.8125	1.0000
$\eta /(\text{mPa s})$	0.454	0.472	0.478	0.489	0.500	0.512	0.530

$T/^\circ\text{C} = -55.0$ 80L1

x_1	0.0000	0.2923	0.3881	0.5521	0.6610	0.8125	1.0000
$\eta /(\text{mPa s})$	0.432	0.450	0.455	0.466	0.476	0.488	0.506

$T/^\circ\text{C} = -50.0$ 80L1

x_1	0.0000	0.2923	0.3881	0.5521	0.6610	0.8125	1.0000
$\eta /(\text{mPa s})$	0.409	0.429	0.435	0.445	0.454	0.465	0.480

271 **CCl_2F_2 (1)** **dichloro-difluoro-methane** **75-71-8**
 $\text{C}_2\text{H}_3\text{ClF}_2$ (2) **1-chloro-1,1-difluoro-ethane** **75-68-3**

$T/^\circ\text{C} = -55.0$ 80L1

x_2	0.0000	0.1697	0.2168	0.3591	0.4097	0.5749	0.9001	1.0000	
η /(mPa s)	0.506	0.519	0.524	0.537	0.542	0.561	0.602	0.622	
$T/^\circ\text{C} = -50.0$									80L1
x_2	0.0000	0.1697	0.2168	0.3591	0.4097	0.5749	0.9001	1.0000	
η /(mPa s)	0.480	0.493	0.498	0.510	0.515	0.532	0.569	0.582	
$T/^\circ\text{C} = -45.0$									80L1
x_2	0.0000	0.1697	0.2168	0.3591	0.4097	0.5749	0.9001	1.0000	
η /(mPa s)	0.459	0.471	0.475	0.486	0.489	0.505	0.539	0.550	
$T/^\circ\text{C} = -40.0$									80L1
x_2	0.0000	0.1697	0.2168	0.3591	0.4097	0.5749	0.9001	1.0000	
η /(mPa s)	0.429	0.449	0.452	0.463	0.467	0.481	0.511	0.526	
$T/^\circ\text{C} = -35.0$									80L1
x_2	0.0000	0.1697	0.3591	0.4097	0.5749	0.9001	1.0000		
η /(mPa s)	0.418	0.429	0.443	0.446	0.459	0.487	0.496		
272	CCl₃F (1) CHClF₂ (2)		trichloro-fluoro-methane chloro-difluoro-methane						75-69-4 75-45-6
$T/^\circ\text{C} = -65.0$									80L1
x_1	0.0000	0.3095	0.3414	0.4506	0.7123	0.8687	1.0000		
η /(mPa s)	0.473	0.594	0.613	0.672	0.888	1.090	1.355		
$T/^\circ\text{C} = -60.0$									80L1
x_1	0.0000	0.3095	0.3414	0.4506	0.7123	0.8687	1.0000		
η /(mPa s)	0.454	0.566	0.584	0.638	0.840	1.024	1.249		
$T/^\circ\text{C} = -55.0$									80L1
x_1	0.0000	0.3095	0.3414	0.4506	0.7123	0.8687	1.0000		
η /(mPa s)	0.432	0.538	0.550	0.604	0.776	0.944	1.165		
$T/^\circ\text{C} = -50.0$									80L1
x_1	0.0000	0.3095	0.3414	0.4506	0.7123	0.8687	1.0000		
η /(mPa s)	0.409	0.514	0.528	0.578	0.741	0.890	1.088		
$T/^\circ\text{C} = -45.0$									80L1
x_1	0.0000	0.3095	0.3414	0.4506	0.7123	0.8687	1.0000		
η /(mPa s)	0.392	0.490	0.500	0.550	0.703	0.836	0.996		
273	CCl₃F (1) C₂H₃ClF₂ (2)		trichloro-fluoro-methane 1-chloro-1,1-difluoro-ethane						75-69-4 75-68-3
$T/^\circ\text{C} = -50.0$									80L1
x_2	0.0000	0.3584	0.6754	0.8068	1.0000				
η /(mPa s)	1.088	0.818	0.679	0.630	0.582				

$T/^\circ\text{C} = -45.0$									80L1
x_2	0.0000	0.1647	0.3584	0.6609	0.6754	0.8068	1.0000		
$\eta /(\text{mPa s})$	0.996	0.854	0.765	0.645	0.641	0.590	0.550		
$T/^\circ\text{C} = -40.0$									80L1
x_2	0.0000	0.1647	0.3584	0.6609	0.6754	0.8068	1.0000		
$\eta /(\text{mPa s})$	0.929	0.814	0.720	0.609	0.604	0.563	0.526		
$T/^\circ\text{C} = -35.0$									80L1
x_2	0.0000	0.1647	0.3584	0.4796	0.6609	0.6754	0.8068	1.0000	
$\eta /(\text{mPa s})$	0.875	0.764	0.680	0.633	0.578	0.574	0.536	0.496	
$T/^\circ\text{C} = -30.0$									80L1
x_2	0.0000	0.1647	0.3584	0.4796	0.6609	0.6754	0.8068	1.0000	
$\eta /(\text{mPa s})$	0.810	0.716	0.640	0.598	0.548	0.544	0.509	0.472	
$T/^\circ\text{C} = -25.0$									80L1
x_2	0.0000	0.1647	0.3584	0.4796	0.6609	0.6754	0.8068	1.0000	
$\eta /(\text{mPa s})$	0.755	0.677	0.607	0.567	0.520	0.517	0.486	0.449	
$T/^\circ\text{C} = -20.0$									80L1
x_2	0.0000	0.3584	0.4796	0.6754	0.8068	1.0000			
$\eta /(\text{mPa s})$	0.710	0.574	0.540	0.490	0.465	0.427			
$T/^\circ\text{C} = -15.0$									80L1
x_2	0.0000	0.4796	1.0000						
$\eta /(\text{mPa s})$	0.665	0.510	0.411						
274	CCl_4 (1)		tetrachloromethane						56-23-5
	CHBr_3 (2)		tribromomethane						75-25-2
$T/\text{K} = 318.15$									88M1
x_2	0.0000	0.1597	0.3179	0.5191	0.6651	0.8607	1.0000		
$\eta /(\text{mPa s})$	0.74485	0.82150	0.91311	1.0558	1.1640	1.3285	1.4764		
$T/\text{K} = 298.15$									87A3
x_2	0.0000	0.1194	0.2186	0.3128	0.4431	0.5248	0.6217	0.7153	0.8068
$\eta /(\text{mPa s})$	0.892	0.965	1.037	1.115	1.231	1.308	1.397	1.477	1.609
x_2	0.8986	1.0000							
$\eta /(\text{mPa s})$	1.753	1.873							
275	CCl_4 (1)		tetrachloromethane						56-23-5
	CHCl_3 (2)		trichloromethane						67-66-3
$x_1 = 0.0000$									57D1
$T/^\circ\text{C}$	5.0	10.0	15.0	20.0	30.0	40.0	50.0		

η /(mPa s)	0.7151	0.6817	0.6500	0.6216	0.5594	0.5142	0.4800		
$x_1 = 0.2087$									57D1
$T/^\circ\text{C}$	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
η /(mPa s)	0.7583	0.7263	0.6882	0.6645	0.6296	0.5964	0.5644	0.5501	0.5230
$x_1 = 0.5170$									57D1
$T/^\circ\text{C}$	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
η /(mPa s)	0.8675	0.8133	0.7695	0.7287	0.6908	0.6554	0.6239	0.5925	0.5655
$x_1 = 0.9083$									57D1
$T/^\circ\text{C}$	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
η /(mPa s)	1.1284	1.0722	0.9897	0.9238	0.8561	0.8041	0.7523	0.7143	0.6686
276	CCl₄ (1)		tetrachloromethane						56-23-5
	CH₂Cl₂ (2)		dichloromethane						75-09-2
$T/^\circ\text{C} = 25.0$									60M2
x_1	0.0000	0.1001	0.1938	0.2746	0.4035	0.5051	0.6023	0.7020	0.7677
η /(mPa s)	0.4447	0.4681	0.4939	0.5200	0.5683	0.6117	0.6605	0.7147	0.7564
x_1	0.9026	1.0000							
η /(mPa s)	0.8651	0.9623							
277	CCl₄ (1)		tetrachloromethane						56-23-5
	CH₃NO₂ (2)		nitromethane						75-52-5
$T/\text{K} = 298.15$									91A2
x_2	0.0000	0.1023	0.2011	0.2968	0.3946	0.4978	0.6013	0.7010	0.7990
η /(mPa s)	0.9397	0.8840	0.8406	0.8074	0.7776	0.7481	0.7175	0.6857	0.6627
x_2	0.9009	1.0000							
η /(mPa s)	0.6481	0.6469							
$T/\text{K} = 303.15$									91A2
x_2	0.0000	0.1023	0.2011	0.2968	0.3946	0.4978	0.6013	0.7010	0.7990
η /(mPa s)	0.8810	0.8319	0.7922	0.7599	0.7350	0.7052	0.6783	0.6511	0.6308
x_2	0.9009	1.0000							
η /(mPa s)	0.6177	0.6158							
$T/\text{K} = 308.15$									91A2
x_2	0.0000	0.1023	0.2011	0.2968	0.3946	0.4978	0.6013	0.7010	0.7990
η /(mPa s)	0.8266	0.7884	0.7475	0.7148	0.6899	0.6672	0.6432	0.6169	0.5981
x_2	0.9009	1.0000							
η /(mPa s)	0.5901	0.5833							
$T/\text{K} = 313.15$									91A2
x_2	0.0000	0.1023	0.2011	0.2968	0.3946	0.4978	0.6013	0.7010	0.7990
η /(mPa s)	0.7754	0.7324	0.6962	0.6740	0.6480	0.6232	0.6053	0.5841	0.5675

x_2	0.9009	1.0000							
$\eta /(\text{mPa s})$	0.5621	0.5537							
$T/\text{K} = 318.15$									
x_1	0.0000	0.0897	0.1941	0.3589	0.5073	0.7644	1.0000		
$\eta /(\text{mPa s})$	0.51870	0.52558	0.54422	0.58220	0.61885	0.67188	0.74444		
$T/\text{K} = 298.15$									
x_1	0.0000	0.0959	0.1961	0.3609	0.5088	0.7487	1.0000		
$\eta /(\text{mPa s})$	0.627	0.636	0.655	0.702	0.751	0.805	0.892		
$T/^\circ\text{C} = 30.0$									
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	0.8420	0.7767	0.7448	0.7173	0.6971	0.6667	0.6402	0.6152	0.5924
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	0.5824	0.5737							
$T/^\circ\text{C} = 35.0$									
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	0.7860	0.7408	0.6988	0.6673	0.6509	0.6305	0.6024	0.5769	0.5634
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	0.5522	0.5507							
$T/^\circ\text{C} = 45.0$									
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	0.6910	0.6485	0.6213	0.5970	0.5764	0.5533	0.5327	0.5140	0.4996
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	0.4945	0.5009							
278	CCl_4 (1)	CH_4O (2)	tetrachloromethane						56-23-5
			methanol						67-56-1
$T/\text{K} = 303.15$									
x_2	0.0000	0.0396	0.0862	0.1437	0.2352	0.3077	0.4129	0.5310	0.6187
$\eta /(\text{mPa s})$	0.8421	0.8187	0.8054	0.7973	0.7930	0.7919	0.7852	0.7677	0.7443
x_2	0.6838	0.8240	0.8821	0.9292	0.9728	1.0000			
$\eta /(\text{mPa s})$	0.7184	0.6435	0.6038	0.5669	0.5306	0.5058			
$T/\text{K} = 318.15$									
x_1	0.0000	0.1527	0.2949	0.4375	0.5566	0.7077	0.8096	1.0000	
$\eta /(\text{mPa s})$	0.43453	0.53284	0.60435	0.64464	0.67293	0.68995	0.71638	0.74444	
$T/\text{K} = 298.15$									
x_1	0.0000	0.1518	0.2927	0.4346	0.5445	0.6871	0.7610	0.8784	1.0000
$\eta /(\text{mPa s})$	0.590	0.719	0.809	0.844	0.847	0.857	0.858	0.867	0.892

$T/^\circ\text{C} = 40.0$										66K1
x_2	0.000	0.105	0.193	0.303	0.350	0.510	0.680	0.720	0.790	
$\eta/(\text{mPa s})$	0.7390	0.7595	0.7624	0.7500	0.7427	0.6955	0.6248	0.6050	0.5700	
x_2	0.910	1.000								
$\eta/(\text{mPa s})$	0.5050	0.4560								
$T/^\circ\text{C} = 25.0$										65B1
x_2	0.0000	0.0367	0.0708	0.0886	0.1063	0.2547	0.4226	0.4787	0.5618	
$\eta/(\text{mPa s})$	0.900	0.877	0.871	0.869	0.865	0.857	0.842	0.839	0.815	
x_2	0.6107	0.6934	0.7853	0.9029	0.9616	1.0000				
$\eta/(\text{mPa s})$	0.807	0.770	0.719	0.626	0.577	0.545				
$T/^\circ\text{C} = 35.0$										65B1
x_2	0.0000	0.0367	0.0708	0.0886	0.1063	0.2547	0.4226	0.4787	0.5618	
$\eta/(\text{mPa s})$	0.785	0.764	0.756	0.755	0.749	0.738	0.724	0.720	0.700	
x_2	0.6107	0.6934	0.7853	0.9029	0.9616	1.0000				
$\eta/(\text{mPa s})$	0.691	0.656	0.619	0.543	0.502	0.476				
$T/^\circ\text{C} = 45.0$										65B1
x_2	0.0000	0.0367	0.0708	0.0886	0.1063	0.2547	0.4226	0.4787	0.5618	
$\eta/(\text{mPa s})$	0.692	0.672	0.664	0.670	0.657	0.643	0.630	0.623	0.607	
x_2	0.6107	0.6934	0.7853	0.9029	0.9616	1.0000				
$\eta/(\text{mPa s})$	0.598	0.570	0.537	0.476	0.440	0.417				
$T/^\circ\text{C} = 55.0$										65B1
x_2	0.0000	0.0367	0.0708	0.0886	0.1063	0.2547	0.4226	0.4787	0.5618	
$\eta/(\text{mPa s})$	0.617	0.595	0.586	0.584	0.574	0.565	0.553	0.541	0.528	
x_2	0.6107	0.6934	0.7853	0.9029	0.9616	1.0000				
$\eta/(\text{mPa s})$	0.518	0.496	0.466	0.415	0.385	0.366				
$T/^\circ\text{C} = 25.0$										48J1
w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00	
$\eta/(\text{mPa s})$	0.902	0.858	0.854	0.831	0.746	0.702	0.665	0.599	0.552	
279	CCl_4 (1)		tetrachloromethane						56-23-5	
	C_2Cl_4 (2)		1,1,2,2-tetrachloroethene						127-18-4	
$T/\text{K} = 303.15$										83N1
x_2	0.0000	0.3238	0.4020	0.5600	0.6543	0.7629	0.8308	0.9128	1.0000	
$\eta/(\text{mPa s})$	0.522	0.574	0.597	0.621	0.652	0.688	0.706	0.738	0.798	
280	CCl_4 (1)		tetrachloromethane						56-23-5	
	C_2HCl_3 (2)		1,1,2-trichloro-ethene						79-01-6	

$T/K = 303.15$ 81N1

x_2	0.0000	0.2969	0.7481	0.7605	0.8498	0.9286	1.0000		
$\eta /(\text{mPa s})$	0.845	0.699	0.555	0.551	0.539	0.526	0.517		

281 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₂HF₃O₂ (2) **trifluoroacetic acid** **76-05-1**

$T/K = 298.15$ 86F2

x_2	0.000	0.125	0.251	0.375	0.500	0.625	0.750	0.875	1.000
$\eta /(\text{mPa s})$	0.901	0.815	0.749	0.694	0.653	0.629	0.630	0.684	0.820

(parameters of a fitting function are given in the original source for $285 \leq T/K \leq 340$)

282 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₂H₃N (2) **acetonitrile** **75-05-8**

$T/^\circ\text{C} = 25.0$ 84P1

x_2	0.0000	0.0979	0.1861	0.3442	0.4830	0.5149	0.6508	0.7749	0.8742
$\eta /(\text{mPa s})$	0.909	0.822	0.762	0.665	0.583	0.565	0.490	0.429	0.386

x_2	0.9447	1.0000							
$\eta /(\text{mPa s})$	0.360	0.340							

$T/^\circ\text{C} = 25.0$ 60F1

w_1	0.0000	0.1291	0.2493	0.2908	0.4145	0.5495	0.6760	0.7695	0.8163
$\eta /(\text{mPa s})$	0.3449	0.4796	0.4822	0.5076	0.5078	0.5429	0.5551	0.5800	0.5961

w_1	0.8363	0.8600	0.9005	0.2985	0.4604	0.6624	0.7992	0.2009	0.2961
$\eta /(\text{mPa s})$	0.3449	0.4796	0.4822	0.5076	0.5078	0.5429	0.5551	0.5800	0.5961

w_1	0.4681	0.6570	0.8286						
$\eta /(\text{mPa s})$	0.3449	0.4796	0.4822						

$T/^\circ\text{C} = 25.0$ 61B1

w_1	0.0000	0.6320	0.6385	0.6846	0.6871	0.7454	0.7581	0.7584	0.8080
$\eta /(\text{mPa s})$	0.3449	0.4796	0.4822	0.5076	0.5078	0.5429	0.5551	0.5800	0.5961

$T/^\circ\text{C} = 25.0$ 60B1

w_1	0.0000	0.2866	0.5484	0.6015	0.6061	0.6247	0.6774	0.6806	0.6869
$\eta /(\text{mPa s})$	0.3449	0.3802	0.4449	0.4658	0.4676	0.4768	0.5020	0.5042	0.5107

w_1	0.7081	0.7522	0.7597	0.7773	0.7877	0.7965	0.8068	0.8272	0.8427
$\eta /(\text{mPa s})$	0.5200	0.5502	0.5561	0.5698	0.5792	0.5863	0.5992	0.6145	0.6301

$T/^\circ\text{C} = 25.0$ 59A1

w_1	0.0000	0.2820	0.4406	0.4494	0.5770	0.6731	0.7191	0.8037	1.0000
$\eta /(\text{mPa s})$	0.3438	0.3822	0.4191	0.4187	0.4595	0.4995	0.5376	0.5942	0.9017

283	CCl₄ (1) C₂H₄Cl₂ (2)	tetrachloromethane 1,2-dichloro-ethane						56-23-5 107-06-2	
<i>T/K = 303.15</i>									97Z1
<i>x₂</i>	0.0000	0.1081	0.1414	0.1994	0.3171	0.3777	0.5001	0.5454	0.5978
<i>η/(mPa s)</i>	0.8403	0.7755	0.7609	0.7390	0.7081	0.6975	0.6832	0.6817	0.6814
<i>x₂</i>	0.6503	0.6758	0.7592	0.8193	0.8711	0.8965	0.9340	1.0000	
<i>η/(mPa s)</i>	0.6809	0.6824	0.6879	0.6942	0.7016	0.7055	0.7126	0.7275	
<i>T/°C = 20.0</i>									60T1
<i>x₂</i>	0.00	0.20	0.40	0.60	0.80	1.00			
<i>η/(mPa s)</i>	0.961	0.837	0.783	0.766	0.783	0.825			
<i>T/°C = 40.0</i>									60T1
<i>x₂</i>	0.00	0.20	0.40	0.60	0.80	1.00			
<i>η/(mPa s)</i>	0.738	0.657	0.621	0.606	0.613	0.645			
<i>T/°C = 60.0</i>									60T1
<i>x₂</i>	0.00	0.20	0.40	0.60	0.80	1.00			
<i>η/(mPa s)</i>	0.587	0.528	0.503	0.491	0.496	0.517			
284	CCl₄ (1) C₂H₄O₂ (2)	tetrachloromethane acetic acid						56-23-5 64-19-7	
<i>T/K = 298.15</i>									86F2
<i>x₂</i>	0.000	0.102	0.202	0.275	0.400	0.500	0.600	0.700	0.800
<i>η/(mPa s)</i>	0.901	0.852	0.834	0.814	0.812	0.819	0.839	0.874	0.924
<i>x₂</i>	0.899	1.000							
<i>η/(mPa s)</i>	1.014	1.128							
<i>(parameters of a fitting function are given in the original source for 285 ≤ T/K ≤ 340)</i>									
<i>T/°C = 25.0</i>									62A1
<i>x₂</i>	0.000	0.214	0.418	0.608	0.805	1.00			
<i>η/(mPa s)</i>	0.887	0.820	0.804	0.816	0.920	1.126			
<i>T/°C = 25.0</i>									48J1
<i>w₂</i>	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
<i>η/(mPa s)</i>	0.902	0.840	0.822	0.808	0.832	0.863	0.900	1.007	1.126
285	CCl₄ (1) C₂H₅NO (2)	tetrachloromethane N-methyl-formamide						56-23-5 123-39-7	
<i>T/°C = 60.0</i>									74M1
<i>x₂</i>	0.000	0.028	0.105	0.151	0.305	0.315	0.346	0.438	0.529
<i>η/(mPa s)</i>	1.284	1.290	1.319	1.332	1.344	1.358	1.327	1.305	1.253

x_2	0.588	0.671	0.691	0.757	0.775	0.812	0.874	0.897	0.927	
η /(mPa s)	1.208	1.136	1.140	1.094	1.070	1.038	0.939	0.866	0.826	
x_2	0.942	0.973	1.000							
η /(mPa s)	0.788	0.749	0.708							
286	CCl₄ (1)	C₂H₅NO₂ (2)	tetrachloromethane						56-23-5	
			nitroethane						79-24-3	
$T/^\circ\text{C} = 30.0$									69W1	
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
η /(mPa s)	0.8420	0.7718	0.7427	0.7058	0.6831	0.6569	0.6415	0.6240	0.6126	
x_2	0.9	1.0								
η /(mPa s)	0.6123	0.6062								
$T/^\circ\text{C} = 35.0$									69W1	
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
η /(mPa s)	0.7860	0.7423	0.6974	0.6680	0.6479	0.6260	0.6063	0.5927	0.5834	
x_2	0.9	1.0								
η /(mPa s)	0.5735	0.5717								
$T/^\circ\text{C} = 45.0$									69W1	
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
η /(mPa s)	0.6910	0.6487	0.6201	0.5962	0.5782	0.5609	0.5460	0.5328	0.5246	
x_2	0.9	1.0								
η /(mPa s)	0.5207	0.5208								
287	CCl₄ (1)	C₂H₆O (2)	tetrachloromethane						56-23-5	
			ethanol						64-17-5	
$T/\text{K} = 303.15$									96Z1	
x_2	0.0000	0.0565	0.0932	0.1798	0.3120	0.4579	0.5273	0.6028	0.6890	
η /(mPa s)	0.8421	0.8183	0.8112	0.8093	0.8313	0.8759	0.8994	0.9240	0.9490	
x_2	0.7868	0.8670	0.9134	0.9566	0.9724	1.0000				
η /(mPa s)	0.9740	0.9867	0.9917	0.9933	0.9934	0.9925				
$T/^\circ\text{C} = 20.0$									70K1	
x_1	0.000	0.070	0.162	0.166	0.310	0.389	0.533	0.545	0.729	
η /(mPa s)	1.203	1.205	1.202	1.200	1.149	1.121	1.062	1.056	0.976	
x_1	0.771	0.859	1.000							
η /(mPa s)	0.960	0.949	0.970							
$T/^\circ\text{C} = 40.0$									70K1	
x_1	0.000	0.070	0.162	0.166	0.310	0.389	0.533	0.545	0.729	
η /(mPa s)	0.833	0.833	0.828	0.827	0.802	0.780	0.753	0.750	0.725	
x_1	0.771	0.859	1.000							

η /(mPa s)	0.722	0.718	0.739						
$T/^\circ\text{C} = 60.0$									70K1
x_1	0.000	0.070	0.162	0.166	0.310	0.389	0.533	0.545	0.729
η /(mPa s)	0.592	0.593	0.591	0.590	0.578	0.569	0.563	0.562	0.569
x_1	0.771	0.859	1.000						
η /(mPa s)	0.571	0.577	0.592						
$T/^\circ\text{C} = 15.0$									66R1
x_2	0.0000	0.1081	0.2010	0.2989	0.4014	0.4987	0.5020	0.5961	0.6990
η /(mPa s)	1.0493	1.0197	1.0286	1.0637	1.1152	1.1668	1.1646	1.2179	1.2702
x_2	0.7974	0.9003	1.0000						
η /(mPa s)	1.3007	1.3219	1.3173						
$T/^\circ\text{C} = 20.0$									66R1
x_2	0.0000	0.0914	0.1957	0.3049	0.3888	0.4987	0.5986	0.7310	0.8616
η /(mPa s)	0.9743	0.9418	0.9466	0.9650	1.0030	1.0572	1.1063	1.1606	1.1793
x_2	0.9011	1.0000							
η /(mPa s)	1.1957	1.1952							
$T/^\circ\text{C} = 30.0$									66R1
x_2	0.0000	0.1508	0.1980	0.3147	0.4007	0.5014	0.6030	0.6999	0.7998
η /(mPa s)	0.8464	0.8194	0.8202	0.8357	0.8597	0.8908	0.9288	0.9647	0.9774
x_2	0.9027	1.0000							
η /(mPa s)	0.9907	1.0009							
$T/^\circ\text{C} = 40.0$									66R1
x_2	0.0000	0.0861	0.1428	0.3833	0.3850	0.4902	0.6009	0.7616	0.7970
η /(mPa s)	0.7436	0.7181	0.7092	0.7450	0.7459	0.7512	0.7738	0.8082	0.8143
x_2	0.9077	1.0000							
η /(mPa s)	0.8257	0.8251							
$T/^\circ\text{C} = 25.0$									65B1
x_2	0.0000	0.0247	0.0475	0.0769	0.1289	0.2438	0.3813	0.5136	0.6450
η /(mPa s)	0.900	0.890	0.884	0.883	0.874	0.886	0.931	0.974	1.023
x_2	0.7680	0.8966	0.9687	1.0000					
η /(mPa s)	1.068	1.108	1.100	1.093					
$T/^\circ\text{C} = 35.0$									65B1
x_2	0.0000	0.0247	0.0475	0.0769	0.1289	0.2438	0.3813	0.5136	0.6450
η /(mPa s)	0.785	0.773	0.768	0.762	0.759	0.768	0.783	0.825	0.857
x_2	0.7680	0.8966	0.9687	1.0000					
η /(mPa s)	0.891	0.923	0.914	0.908					
$T/^\circ\text{C} = 45.0$									65B1
x_2	0.0000	0.0247	0.0475	0.0769	0.1289	0.2438	0.3813	0.5136	0.6450
η /(mPa s)	0.692	0.678	0.676	0.671	0.664	0.672	0.672	0.698	0.720

x_2	0.7680	0.8966	0.9687	1.0000						
$\eta /(\text{mPa s})$	0.744	0.773	0.769	0.761						
$T / ^\circ\text{C} = 55.0$									65B1	
x_2	0.0000	0.0247	0.0769	0.1289	0.2438	0.3813	0.6450	0.7680	0.8966	
$\eta /(\text{mPa s})$	0.617	0.605	0.593	0.586	0.580	0.583	0.617	0.630	0.654	
x_2	0.9687	1.0000								
$\eta /(\text{mPa s})$	0.648	0.637								
$T / ^\circ\text{C} = 25.0$									56H1	
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.092	1.090	1.080	1.050	1.012	0.969	0.929	0.885	0.872	
x_1	0.9	1.0								
$\eta /(\text{mPa s})$	0.875	0.904								
$T / ^\circ\text{C} = 25.0$									48J1	
w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	0.902	0.872	0.886	0.947	1.037	1.064	1.079	1.091	1.093	
$T / ^\circ\text{C} = 25.0$									37D3	
x_1	0.000	0.063	0.131	0.205	0.330	0.473	0.642	0.843	1.000	
$\eta /(\text{mPa s})$	1.07	1.07	1.07	1.05	1.02	0.98	0.94	0.89	0.92	
288	CCl_4 (1)	$\text{C}_2\text{H}_6\text{OS}$ (2)	tetrachloromethane dimethyl sulfoxide						56-23-5	67-68-5
$T / \text{K} = 303.15$									95T1	
x_2	0.1093	0.2296	0.3167	0.4102	0.5105	0.6187	0.7356	0.7976		
$\eta /(\text{mPa s})$	0.936	1.525	1.544	1.590	1.664	1.769	1.849	1.906		
$T / \text{K} = 318.15$									87M1	
x_1	0.0000	0.1140	0.2398	0.4240	0.5763	0.8096	1.0000			
$\eta /(\text{mPa s})$	1.3658	1.3117	1.2498	1.1393	1.0352	0.87254	0.74444			
$T / \text{K} = 298.15$									87A3	
x_1	0.0000	0.1093	0.2260	0.4246	0.5746	0.6420	0.8661	1.0000		
$\eta /(\text{mPa s})$	2.024	2.001	1.852	1.654	1.500	1.399	1.067	0.892		
$T / ^\circ\text{C} = 30.0$									78A1	
x_1	0.0000	0.2642	0.3011	0.3924	0.4763	0.5118	0.5664	1.0000		
$\eta /(\text{mPa s})$	1.778	1.553	1.526	1.483	1.391	1.358	1.304	0.844		
$T / ^\circ\text{C} = 25.0$									79A1	
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	0.890	1.006	1.142	1.277	1.497	1.531	1.642	1.738	1.847	

x_2	0.9	1.0
η /(mPa s)	1.930	1.975

289 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₃H₃NS (2) **thiazole** **288-47-1**

$T/^\circ\text{C} = 25.0$ 68M2

x_2	0.0000	0.1198	0.2065	0.2139	0.2899	0.3520	0.4861	0.5920	0.6890
η /(mPa s)	0.9040	0.9186	0.9327	0.9330	0.9459	0.9560	0.9809	0.9940	1.0072
x_2	0.7730	0.8194	0.8719	0.9315	1.0000				
η /(mPa s)	1.0104	1.0114	1.0114	1.0062	1.0075				

$T/^\circ\text{C} = 25.0$ 67M1

x_2	0.0000	0.1198	0.2065	0.2139	0.2899	0.3525	0.4861	0.5920	0.6890
η /(mPa s)	0.9020	0.9186	0.9327	0.9330	0.9459	0.9561	0.9809	0.9940	1.0072
x_2	0.7728	0.8194	0.8719	0.9315	1.0000				
η /(mPa s)	1.0104	1.0114	1.0114	1.0062	1.0075				

290 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₃H₆O (2) **propan-2-one** **67-64-1**

$T/^\circ\text{C} = 20.0$ 70K1

x_2	0.000	0.198	0.392	0.397	0.401	0.405	0.407	0.409	0.598
η /(mPa s)	0.970	0.779	0.639	0.636	0.634	0.630	0.629	0.629	0.514
x_2	0.629	0.630	0.639	0.642	0.788	0.799	0.802	0.910	1.000
η /(mPa s)	0.497	0.497	0.490	0.490	0.417	0.412	0.411	0.362	0.325

$T/^\circ\text{C} = 40.0$ 70K1

x_2	0.000	0.198	0.392	0.397	0.401	0.405	0.407	0.409	0.598
η /(mPa s)	0.739	0.615	0.511	0.510	0.510	0.506	0.505	0.504	0.421
x_2	0.629	0.630	0.639	0.642	0.788	0.799	0.802	0.910	1.000
η /(mPa s)	0.408	0.408	0.405	0.404	0.348	0.344	0.344	0.306	0.273

$T/^\circ\text{C} = 60.0$ 70K1

x_2	0.000	0.198	0.392	0.397	0.401	0.405	0.407	0.409	0.598
η /(mPa s)	0.592	0.507	0.432	0.431	0.429	0.427	0.427	0.426	0.357
x_2	0.629	0.630	0.639	0.642					
η /(mPa s)	0.347	0.346	0.343	0.342					

$T/\text{K} = 298.15$ 84W1

φ_2	0.0000	0.2164	0.3132	0.4050	0.5146	0.5823	0.6717	0.8005	0.9073
ν /(mm ² /s)	0.5675	0.4808	0.4526	0.4574	0.4124	0.4035	0.3948	0.3859	0.3831
φ_2	1.0000								
ν /(mm ² /s)	0.3857								

$T/^\circ\text{C} = 0.0$									15S2
x_2	0.0000	0.1140	0.3644	0.5118	0.7355	0.8653	0.9667	1.0000	
$\eta/(\text{mPa s})$	1.330	1.139	0.852	0.734	0.562	0.476	0.421	0.400	
291	CCl_4 (1)	$\text{C}_3\text{H}_6\text{O}_3$ (2)	tetrachloromethane carbonic acid dimethyl ester					56-23-5 616-38-6	
$T/\text{K} = 298.15$									98A4
x_2	0.0000	0.0994	0.2010	0.3063	0.4005	0.5036	0.5982	0.7031	0.8330
$\eta/(\text{mPa s})$	0.821	0.770	0.724	0.689	0.656	0.631	0.608	0.585	0.557
x_2	0.8997	1.0000							
$\eta/(\text{mPa s})$	0.543	0.534							
$T/\text{K} = 303.15$									98A4
x_2	0.0000	0.0994	0.2010	0.3063	0.4005	0.5036	0.5982	0.7031	0.8330
$\eta/(\text{mPa s})$	0.768	0.719	0.680	0.646	0.614	0.588	0.572	0.548	0.520
x_2	0.8997	1.0000							
$\eta/(\text{mPa s})$	0.511	0.503							
$T/\text{K} = 308.15$									98A4
x_2	0.0000	0.0994	0.2010	0.3063	0.4005	0.5036	0.5982	0.7031	0.8330
$\eta/(\text{mPa s})$	0.717	0.676	0.633	0.604	0.575	0.551	0.536	0.516	0.493
x_2	0.8997	1.0000							
$\eta/(\text{mPa s})$	0.481	0.474							
292	CCl_4 (1)	$\text{C}_3\text{H}_7\text{Br}$ (2)	tetrachloromethane 1-bromo-propane					56-23-5 106-94-5	
$T/^\circ\text{C} = 10.0$									77S2
x_2	0.143	0.294	0.445	0.625	1.000				
$\eta/(\text{mPa s})$	0.972	0.875	0.787	0.712	0.583				
$T/^\circ\text{C} = 20.0$									77S2
x_2	0.143	0.294	0.445	0.625	1.000				
$\eta/(\text{mPa s})$	0.855	0.775	0.700	0.637	0.531				
$T/^\circ\text{C} = 30.0$									77S2
x_2	0.143	0.294	0.445	0.625	1.000				
$\eta/(\text{mPa s})$	0.760	0.691	0.625	0.581	0.486				
$T/^\circ\text{C} = 40.0$									77S2
x_2	0.143	0.294	0.445	0.625	1.000				
$\eta/(\text{mPa s})$	0.678	0.621	0.565	0.520	0.448				
$T/^\circ\text{C} = 50.0$									77S2
x_2	0.143	0.294	0.445	0.625	1.000				
$\eta/(\text{mPa s})$	0.610	0.562	0.512	0.472	0.415				

293	CCl₄ (1)		tetrachloromethane						56-23-5
	C₃H₇NO (2)		N,N-dimethyl-formamide						68-12-2
<i>T</i> /K = 318.15									87M1
<i>x</i> ₁	0.0000	0.1208	0.2535	0.4423	0.5937	0.8235	1.0000		
<i>η</i> /(mPa s)	0.63484	0.67888	0.71180	0.74497	0.76076	0.75062	0.74444		
<i>T</i> /K = 298.15									87A3
<i>x</i> ₁	0.0000	0.1290	0.2556	0.4437	0.5950	0.8073	1.0000		
<i>η</i> /(mPa s)	0.805	0.879	0.918	0.958	0.966	0.949	0.892		
294	CCl₄ (1)		tetrachloromethane						56-23-5
	C₃H₈O (2)		propan-1-ol						71-23-8
<i>T</i> /K = 303.15									96Z1
<i>x</i> ₂	0.0000	0.0615	0.0651	0.1059	0.2377	0.3576	0.4503	0.5992	0.6985
<i>η</i> /(mPa s)	0.8421	0.8319	0.8324	0.8333	0.8752	0.9546	1.0410	1.1625	1.3389
<i>x</i> ₂	0.7899	0.8376	0.8976	0.9626	0.9633	1.0000			
<i>η</i> /(mPa s)	1.4607	1.5243	1.6025	1.6824	1.6838	1.7268			
<i>T</i> /°C = 25.0									65B1
<i>x</i> ₂	0.0000	0.0685	0.1294	0.2085	0.2859	0.3964	0.5849	0.8446	0.8705
<i>η</i> /(mPa s)	0.900	0.890	0.909	0.962	1.020	1.113	1.317	1.724	1.769
<i>x</i> ₂	0.8955	0.9511	1.0000						
<i>η</i> /(mPa s)	1.808	1.877	1.955						
<i>T</i> /°C = 35.0									65B1
<i>x</i> ₂	0.0000	0.0685	0.1294	0.2085	0.2859	0.3964	0.5849	0.8446	0.8705
<i>η</i> /(mPa s)	0.785	0.775	0.785	0.817	0.849	0.905	1.071	1.383	1.402
<i>x</i> ₂	0.8955	0.9511	1.0000						
<i>η</i> /(mPa s)	1.435	1.487	1.541						
<i>T</i> /°C = 45.0									65B1
<i>x</i> ₂	0.0000	0.0685	0.1294	0.2085	0.2859	0.3964	0.5849	0.8446	0.8705
<i>η</i> /(mPa s)	0.692	0.676	0.686	0.702	0.735	0.772	0.882	1.109	1.128
<i>x</i> ₂	0.8955	0.9511	1.0000						
<i>η</i> /(mPa s)	1.152	1.196	1.237						
<i>T</i> /°C = 55.0									65B1
<i>x</i> ₂	0.0000	0.0685	0.1294	0.2085	0.2859	0.3964	0.5849	0.8446	0.8705
<i>η</i> /(mPa s)	0.617	0.596	0.603	0.609	0.626	0.664	0.737	0.908	0.919
<i>x</i> ₂	0.8955	0.9511	1.0000						
<i>η</i> /(mPa s)	0.937	0.967	1.004						

$T/^\circ\text{C} = 30.0$										58L1
x_1	0.0000	0.2076	0.3136	0.5099	0.7400	1.0000				
$\eta /(\text{mPa s})$	1.728	2.078	1.650	1.113	0.947	0.841				
$T/^\circ\text{C} = 55.0$										58L1
x_1	0.0000	0.2076	0.3136	0.5099	0.7400	1.0000				
$\eta /(\text{mPa s})$	1.011	1.207	0.970	0.713	0.553	0.618				
$T/^\circ\text{C} = 75.0$										58L1
x_1	0.0000	0.2076	0.3136	0.5099	1.0000					
$\eta /(\text{mPa s})$	0.681	0.839	0.683	0.521	0.510					
$T/^\circ\text{C} = 25.0$										48J1
w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	0.902	0.903	0.946	1.0089	1.409	1.554	1.667	1.880	2.004	
295	CCl_4 (1)	$\text{C}_3\text{H}_8\text{O}$ (2)		tetrachloromethane						56-23-5
				propan-2-ol						67-63-0
$T/^\circ\text{C} = 40.0$										66K1
x_2	0.000	0.115	0.220	0.325	0.421	0.500	0.602	0.685	0.745	
$\eta /(\text{mPa s})$	0.7390	0.7291	0.7336	0.7548	0.7812	0.8175	0.8746	0.9355	0.9868	
x_2	0.879	1.000								
$\eta /(\text{mPa s})$	1.1448	1.3300								
$T/\text{K} = 298.15$										84W1
φ_1	0.0000	0.1997	0.3717	0.3706	0.4912	0.5807	0.6908	0.7920	1.0000	
$\nu /(\text{mm}^2/\text{s})$	2.6086	1.6898	1.2206	1.2127	0.9800	0.8480	0.7180	0.6447	0.5675	
296	CCl_4 (1)	$\text{C}_4\text{H}_8\text{O}$ (2)		tetrachloromethane						56-23-5
				butan-2-one						78-93-3
$T/\text{K} = 318.15$										87M1
x_1	0.0000	0.1385	0.2858	0.4821	0.6311	0.8418	1.0000			
$\eta /(\text{mPa s})$	0.34293	0.38773	0.43788	0.50517	0.56253	0.65722	0.74444			
$T/\text{K} = 298.15$										87A3
x_1	0.0000	0.1477	0.2858	0.4787	0.6290	0.8296	1.0000			
$\eta /(\text{mPa s})$	0.475	0.485	0.543	0.648	0.697	0.792	0.892			
$T/^\circ\text{C} = 25.0$										62A1
x_2	0.000	0.1954	0.405	0.499	0.509	0.745	1.000			
$\eta /(\text{mPa s})$	0.887	0.736	0.620	0.576	0.576	0.483	0.393			
297	CCl_4 (1)	tetrachloromethane						56-23-5		

	C₄H₈O₂ (2)		acetic acid ethyl ester					141-78-6			
<i>T</i> /K = 298.15										87A3	
<i>x</i> ₁	0.0000	0.1581	0.3048	0.5010	0.6498	0.8438	1.0000				
<i>η</i> /(mPa s)	0.439	0.517	0.570	0.644	0.713	0.808	0.892				
<i>T</i> /K = 313.15										87R2	
<i>x</i> ₂	0.0000	0.0667	0.2059	0.4046	0.5033	0.6014	0.8008	0.9624	1.0000		
<i>η</i> /(mPa s)	0.744	0.707	0.624	0.541	0.505	0.475	0.419	0.376	0.369		
<i>T</i> /K = 318.15										87M1	
<i>x</i> ₁	0.0000	0.1518	0.3052	0.5035	0.6517	0.8540	1.0000				
<i>η</i> /(mPa s)	0.38292	0.42291	0.46552	0.52789	0.57972	0.66741	0.74444				
<i>T</i> /°C = 20.0										82A1	
<i>x</i> ₂	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8		
<i>η</i> /(mPa s)	0.9785	0.8830	0.8095	0.7523	0.6968	0.6500	0.6061	0.5667	0.5276		
<i>x</i> ₂	0.9	1.0									
<i>η</i> /(mPa s)	0.4881	0.4508									
<i>T</i> /°C = 15.0										66R1	
<i>x</i> ₁	0.0000	0.0476	0.1426	0.2508	0.3646	0.5028	0.6546	0.8004	0.8721		
<i>η</i> /(mPa s)	0.4809	0.4964	0.5293	0.5696	0.6173	0.6812	0.7738	0.8604	0.9405		
<i>x</i> ₁	0.9272	1.0000									
<i>η</i> /(mPa s)	0.9687	1.0493									
<i>T</i> /°C = 20.0										66R1	
<i>x</i> ₁	0.0000	0.0777	0.1358	0.3095	0.4787	0.5028	0.6365	0.7486	0.7960		
<i>η</i> /(mPa s)	0.4537	0.4696	0.5005	0.5622	0.6287	0.6398	0.7074	0.7704	0.8027		
<i>x</i> ₁	0.9088	0.9272	0.9459	1.0000							
<i>η</i> /(mPa s)	0.8841	0.9225	0.9192	0.9743							
<i>T</i> /°C = 30.0										66R1	
<i>x</i> ₁	0.0000	0.0475	0.1467	0.2494	0.3637	0.4123	0.5036	0.5875	0.7092		
<i>η</i> /(mPa s)	0.4064	0.4197	0.4467	0.4782	0.5158	0.5331	0.5674	0.6019	0.6566		
<i>x</i> ₁	0.8071	0.9297	1.0000								
<i>η</i> /(mPa s)	0.7098	0.7886	0.8464								
<i>T</i> /°C = 40.0										66R1	
<i>x</i> ₁	0.0000	0.0510	0.1468	0.2768	0.4050	0.5747	0.8031	0.9208	1.0000		
<i>η</i> /(mPa s)	0.3663	0.3776	0.4015	0.4364	0.4749	0.5316	0.6276	0.6917	0.7436		
298	CCl₄ (1)	tetrachloromethane					56-23-5				
	C₄H₈O₂ (2)	butyric acid					107-92-6				
<i>T</i> /°C = 25.0										48J1	

w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
η /(mPa s)	0.902	0.911	0.925	0.966	1.079	1.142	1.201	1.331	1.466
299	CCl₄ (1) C₄H₈O₂ (2)		tetrachloromethane 1,4-dioxane						56-23-5 123-91-1
T /K = 303.15									92O5
x_2	0.0000	0.0983	0.2040	0.2994	0.4025	0.4985	0.6001	0.6996	0.8023
η /(mPa s)	0.844	0.901	0.957	1.011	1.055	1.086	1.114	1.132	1.129
x_2	0.8984	1.0000							
η /(mPa s)	1.129	1.090							
300	CCl₄ (1) C₄H₉Br (2)		tetrachloromethane 1-bromo-butane						56-23-5 109-65-9
T /°C = 22.8									77S2
x_2	0.0935	0.1213	0.1710	0.2166	0.3376	0.5094	0.6766	1.0000	
η /(mPa s)	0.8740	0.8589	0.8365	0.8163	0.7687	0.7155	0.6738	0.6116	
T /°C = 30.3									77S2
x_2	0.0948	0.1316	0.1914	0.3229	0.4875	0.7961	1.0000		
η /(mPa s)	0.7853	0.76805	0.7427	0.6980	0.5544	0.5884	0.5621		
T /°C = 40.1									77S2
x_2	0.1270	0.2061	0.2967	0.4576	0.6279	0.7610	0.7961	1.0000	
η /(mPa s)	0.6844	0.6557	0.62975	0.5922	0.5598	0.53825	0.5329	0.5057	
301	CCl₄ (1) C₄H₁₀O (2)		tetrachloromethane butan-1-ol						56-23-5 71-36-3
T /K = 303.15									96Z1
x_2	0.0000	0.0559	0.0570	0.1084	0.1137	0.1851	0.1887	0.2871	0.3823
η /(mPa s)	0.8421	0.8424	0.8423	0.8543	0.8560	0.8882	0.8907	0.9679	1.0763
x_2	0.4772	0.5086	0.6468	0.6792	0.7591	0.8416	0.8807	0.8930	0.9516
η /(mPa s)	1.2152	1.2678	1.5269	1.5930	1.7635	1.9427	2.0263	2.0535	2.1763
x_2	0.9563	1.0000							
η /(mPa s)	2.1857	2.2719							
T /°C = 25.0									65B1
x_2	0.0000	0.0326	0.0846	0.2668	0.4250	0.4916	0.6290	0.6978	0.7789
η /(mPa s)	0.900	0.903	0.920	1.058	1.293	1.420	1.778	1.880	2.078
x_2	0.8360	1.0000							
η /(mPa s)	2.291	2.583							
T /°C = 35.0									65B1

x_2	0.0000	0.0326	0.0846	0.2668	0.4250	0.4916	0.6290	0.6978	0.7789
η /(mPa s)	0.785		0.801	0.902	1.054	1.159	1.372	1.487	1.647
x_2	0.8360	1.0000							
η /(mPa s)	1.760	2.015							
T /°C = 45.0									65B1
x_2	0.0000	0.0326	0.0846	0.2668	0.4250	0.4916	0.6290	0.6978	0.7789
η /(mPa s)	0.692	0.684	0.692	0.773	0.883	0.950	1.116	1.189	1.313
x_2	0.8360	1.0000							
η /(mPa s)	1.416	1.589							
T /°C = 55.0									65B1
x_2	0.0000	0.0326	0.0846	0.2668	0.4250	0.4916	0.6290	0.6978	0.7789
η /(mPa s)	0.617	0.615	0.615	0.674	0.753	0.831	0.922	0.975	1.068
x_2	0.8360	1.0000							
η /(mPa s)	1.130	1.269							
T /°C = 25.0									48J1
w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
η /(mPa s)	0.902	0.918	0.975	1.135	1.560	1.794	1.979	2.325	2.587
302	CCl₄ (1)		tetrachloromethane						56-23-5
	C₄H₁₀O (2)		butan-2-ol						78-92-2
T /°C = 25.0									65B1
x_2	0.0000	0.0864	0.1674	0.2076	0.2585	0.3003	0.3969	0.5009	0.5957
η /(mPa s)	0.900	0.890	0.934	0.910	0.940	0.954	1.053	1.163	1.335
x_2	0.6993	0.7903	0.9054	1.0000					
η /(mPa s)	1.545	1.863	2.429	2.998					
T /°C = 35.0									65B1
x_2	0.0000	0.0864	0.1674	0.2076	0.2585	0.3003	0.3969	0.5009	0.5957
η /(mPa s)	0.785	0.779	0.807	0.801	0.819	0.825	0.862	0.938	1.039
x_2	0.6993	0.7903	0.9054	1.0000					
η /(mPa s)	1.183	1.863	1.746	2.106					
T /°C = 45.0									65B1
x_2	0.0000	0.0864	0.1674	0.2076	0.2585	0.3003	0.3969	0.5009	0.5957
η /(mPa s)	0.692	0.679	0.686	0.695	0.701	0.713	0.731	0.783	0.860
x_2	0.6993	0.7903	0.9054	1.0000					
η /(mPa s)	0.942	1.087	1.287	1.527					
T /°C = 55.0									65B1
x_2	0.0000	0.0864	0.1674	0.2076	0.2585	0.3003	0.3969	0.5009	0.5957
η /(mPa s)	0.617	0.610	0.606	0.619	0.624	0.627	0.629	0.662	0.670
x_2	0.6993	0.7903	0.9054	1.0000					

η /(mPa s)	0.692	0.674	0.674	0.678	0.693	0.712	0.751	0.806	0.892
x_2	0.7156	0.8301	0.9132	1.0000					
η /(mPa s)	1.007	1.222	1.381	1.702					
T /°C = 55.0									65B1
x_2	0.0000	0.0318	0.0440	0.0860	0.1644	0.2487	0.3632	0.4833	0.6052
η /(mPa s)	0.617	0.595	0.595	0.595	0.601	0.614	0.645	0.728	0.728
x_2	0.7156	0.8301	0.9132	1.0000					
η /(mPa s)	0.799	0.931	1.088	1.178					
305	CCl₄ (1) C₄H₁₁N (2)		tetrachloromethane butylamine						56-23-5 109-73-9
T /°C = 20.0									90A1
x_2	0.0000	0.1017	0.1975	0.2974	0.3676	0.4895	0.5536	0.6318	
η /(mPa s)	0.972	0.924	0.879	0.832	0.799	0.742	0.712	0.675	
x_2	0.6708	0.7779	0.8299	0.9210	1.0000				
η /(mPa s)	0.657	0.606	0.582	0.543	0.502				
T /°C = 25.0									90A1
x_2	0.0000	0.1017	0.1975	0.2974	0.3676	0.4895	0.5536	0.6318	
η /(mPa s)	0.905	0.860	0.818	0.774	0.743	0.690	0.661	0.627	
x_2	0.6708	0.7779	0.8299	0.9210	1.0000				
η /(mPa s)	0.610	0.563	0.540	0.504	0.465				
T /°C = 30.0									90A1
x_2	0.0000	0.1017	0.1975	0.2974	0.3676	0.4895	0.5536	0.6318	
η /(mPa s)	0.847	0.806	0.766	0.726	0.697	0.647	0.621	0.589	
x_2	0.6708	0.7779	0.8299	0.9210	1.0000				
η /(mPa s)	0.573	0.530	0.508	0.475	0.442				
T /°C = 35.0									90A1
x_2	0.0000	0.1017	0.1975	0.2974	0.3676	0.4895	0.5536	0.6318	
η /(mPa s)	0.799	0.760	0.723	0.684	0.657	0.610	0.585	0.555	
x_2	0.6708	0.7779	0.8299	0.9210	1.0000				
η /(mPa s)	0.540	0.499	0.479	0.447	0.413				
306	CCl₄ (1) C₅H₅N (2)		tetrachloromethane pyridine						56-23-5 110-86-1
T /°C = 12.0									71M3
x_2	0.000	0.107	0.190	0.264	0.324	0.410	0.510	0.666	0.750
η /(mPa s)	1.0920	1.1075	1.1330	1.1529	1.1687	1.1844	1.1885	1.1789	1.1616
x_2	0.810	0.857	0.920	1.000					
η /(mPa s)	1.1497	1.1246	1.0930	1.0476					

$T/^\circ\text{C} = 25.0$									71M3
x_2	0.000	0.107	0.193	0.264	0.324	0.410	0.510	0.665	0.700
$\eta /(\text{mPa s})$	0.904	0.916	0.932	0.944	0.9575	0.965	0.966	0.959	0.951
x_2	0.750	0.800	0.850	1.000					
$\eta /(\text{mPa s})$	0.943	0.944	0.9188	0.883					
$T/^\circ\text{C} = 50.0$									71M3
x_2	0.000	0.107	0.194	0.265	0.324	0.375	0.490	0.750	0.800
$\eta /(\text{mPa s})$	0.681	0.6848	0.689	0.691	0.6946	0.696	0.691	0.681	0.675
x_2	0.857	0.923	1.000						
$\eta /(\text{mPa s})$	0.667	0.655	0.640						
$T/^\circ\text{C} = 12.0$									68M2
x_2	0.0000	0.1935	0.2647	0.3243	0.4119	0.5137	0.6659	0.7500	0.8000
$\eta /(\text{mPa s})$	0.9935	1.1331	1.1529	1.1687	1.1844	1.1885	1.1789	1.1616	1.1497
x_2	0.8571	0.9230	1.0000						
$\eta /(\text{mPa s})$	1.1246	1.0930	1.0476						
$T/^\circ\text{C} = 25.0$									68M2
x_2	0.0000	0.1935	0.2647	0.3243	0.4119	0.5137	0.6659	0.7500	0.8000
$\eta /(\text{mPa s})$	0.9040	0.9327	0.9443	0.9575	0.9652	0.9660	0.9590	0.9430	0.9449
x_2	0.8571	0.9230	1.0000						
$\eta /(\text{mPa s})$	0.9188	0.9081	0.8831						
$T/^\circ\text{C} = 20.0$									60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	0.961	1.011	1.045	1.056	1.029	0.953			
$T/^\circ\text{C} = 40.0$									60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	0.738	0.758	0.778	0.784	0.771	0.724			
$T/^\circ\text{C} = 60.0$									60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	0.587	0.594	0.604	0.609	0.605	0.573			
307	CCl_4 (1)	tetrachloromethane						56-23-5	
	$\text{C}_5\text{H}_8\text{O}_2$ (2)	2-methyl-acrylic acid methyl ester						80-62-6	
$T/\text{K} = 303.15$									96S1
x_2	0.0000	0.0320	0.0898	0.1842	0.2779	0.3837	0.4783	0.5900	0.6834
$\eta /(\text{mPa s})$	0.8450	0.8349	0.8160	0.7843	0.7537	0.7184	0.6885	0.6523	0.6232
x_2	0.7814	0.8889	0.9508	1.0000					
$\eta /(\text{mPa s})$	0.5929	0.5610	0.5432	0.5291					

308	CCl₄ (1) C₅H₈O₂ (2)	tetrachloromethane pentane-2,4-dione							56-23-5 123-54-6
<i>T</i> /°C = 30.0									94R4
<i>x</i> ₂	0.0	0.1	0.2	0.4	0.6	0.8	0.9	1.0	
<i>η</i> /(mPa s)	0.914	0.898	0.887	0.864	0.808	0.763	0.732	0.702	
309	CCl₄ (1) C₅H₁₀ (2)	tetrachloromethane cyclopentane							56-23-5 287-92-3
<i>T</i> /K = 298.15									86F1
<i>x</i> ₂	0.000	0.148	0.300	0.450	0.598	0.700	0.800	0.899	1.000
<i>η</i> /(mPa s)	0.901	0.792	0.708	0.623	0.560	0.521	0.484	0.450	0.423
<i>(parameters of a fitting function are given in the original source for 285 ≤ T/K ≤ 340)</i>									
310	CCl₄ (1) C₅H₁₀O₂ (2)	tetrachloromethane acetic acid propyl ester							56-23-5 109-60-4
<i>T</i> /K = 303.15									88R6
<i>x</i> ₁	0.0000	0.0422	0.1298	0.2541	0.3335	0.4880	0.5271	0.6005	0.7049
<i>η</i> /(mPa s)	0.518	0.526	0.547	0.576	0.598	0.639	0.657	0.676	0.716
<i>x</i> ₁	0.8743	0.9403	1.0000						
<i>η</i> /(mPa s)	0.784	0.815	0.845						
<i>T</i> /K = 313.15									88R6
<i>x</i> ₁	0.0000	0.2073	0.4055	0.5078	0.6010	0.8020	1.0000		
<i>η</i> /(mPa s)	0.449	0.494	0.541	0.568	0.593	0.661	0.744		
311	CCl₄ (1) C₅H₁₀O₂ (2)	tetrachloromethane 2,2-dimethyl-propionic acid							56-23-5 75-98-9
<i>T</i> /K = 298.15									86F2
<i>x</i> ₂	0.000	0.099	0.200	0.351	0.500	0.618	0.759	0.899	
<i>η</i> /(mPa s)	0.901	1.026	1.057	1.229	1.440	1.722	2.197	2.823	
<i>(parameters of a fitting function are given in the original source for 285 ≤ T/K ≤ 340)</i>									
312	CCl₄ (1) C₅H₁₁Br (2)	tetrachloromethane 1-bromo-pentane							56-23-5 110-53-2
<i>T</i> /°C = 10.0									77S2
<i>x</i> ₂	0.130	0.273	0.429	0.601	1.000				
<i>η</i> /(mPa s)	1.070	1.015	0.987	0.957	0.900				
<i>T</i> /°C = 20.0									77S2

x_2	0.130	0.273	0.429	0.601	1.000				
η /(mPa s)	0.925	0.887	0.863	0.841	0.798				
$T/^\circ\text{C} = 30.0$									77S2
x_2	0.130	0.273	0.429	0.601	1.000				
η /(mPa s)	0.810	0.780	0.760	0.742	0.709				
$T/^\circ\text{C} = 40.0$									77S2
x_2	0.130	0.273	0.429	0.601	1.000				
η /(mPa s)	0.712	0.692	0.675	0.660	0.637				
$T/^\circ\text{C} = 50.0$									77S2
x_2	0.130	0.273	0.429	0.601	1.000				
η /(mPa s)	0.633	0.620	0.602	0.592	0.574				
313	CCl_4 (1)		tetrachloromethane						56-23-5
	C_5H_{12} (2)		2,2-dimethyl-propane						463-82-1
$T/^\circ\text{C} = 0.0$									71B1
x_2	0.000	0.168	0.377	0.482	0.747	1.000			
η /(mPa s)	1.351	1.065	0.808	0.704	0.500	0.364			
$T/\text{K} = 262.2$									59T2
x_1	0.000	0.253	0.518	0.622	0.832	1.000			
η /(mPa s)	0.438	0.605	0.855	0.982	1.304	1.667			
$T/\text{K} = 273.2$									59T2
x_1	0.000	0.253	0.518	0.622	0.832	1.000			
η /(mPa s)	0.364	0.500	0.704	0.808	1.065	1.351			
$T/\text{K} = 293.2$									59T2
x_1	0.000	0.253	0.518	0.622	0.832	1.000			
η /(mPa s)	0.269	0.373	0.520	0.597	0.776	0.972			
314	CCl_4 (1)		tetrachloromethane						56-23-5
	$\text{C}_5\text{H}_{12}\text{O}$ (2)		pentan-1-ol						71-41-0
$T/^\circ\text{C} = 25.0$									65B1
x_2	0.0000	0.0207	0.0826	0.3114	0.4575	0.5771	0.8017	1.0000	
η /(mPa s)	0.900	0.912	0.971	1.306	1.620	1.884	2.761	3.556	
$T/^\circ\text{C} = 35.0$									65B1
x_2	0.0000	0.0207	0.0826	0.3114	0.4575	0.5771	0.8017	1.0000	
η /(mPa s)	0.785	0.798	0.840	1.030	1.241	1.488	2.103	2.724	
$T/^\circ\text{C} = 45.0$									65B1
x_2	0.0000	0.0207	0.0826	0.3114	0.4575	0.5771	0.8017	1.0000	
η /(mPa s)	0.692	0.708	0.741	0.886	1.037	1.199	1.647	2.074	

$T/^\circ\text{C} = 55.0$									65B1
x_2	0.0000	0.0207	0.0826	0.3114	0.4575	0.5771	0.8017	1.0000	
$\eta/(\text{mPa s})$	0.617	0.622	0.658	0.792	0.860	0.992	1.308	1.611	
315	CCl_4 (1)		tetrachloromethane						56-23-5
	$\text{C}_6\text{H}_5\text{Br}$ (2)		bromobenzene						108-86-1
$T/\text{K} = 318.15$									87M1
x_1	0.0000	0.1581	0.3169	0.5212	0.6657	0.8618	1.0000		
$\eta/(\text{mPa s})$	0.85355	0.83129	0.81470	0.78977	0.77584	0.76001	0.74444		
$T/\text{K} = 298.15$									87A3
x_1	0.0000	0.1709	0.3202	0.5187	0.6674	0.8522	1.0000		
$\eta/(\text{mPa s})$	1.081	1.035	1.011	0.971	0.942	0.915	0.892		
316	CCl_4 (1)		tetrachloromethane						56-23-5
	$\text{C}_6\text{H}_5\text{Cl}$ (2)		chlorobenzene						108-90-7
$T/^\circ\text{C} = 25.0$									66F1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.893	0.844	0.810	0.787	0.769	0.754			
$T/^\circ\text{C} = 20.0$									60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.961	0.911	0.869	0.837	0.812	0.792			
$T/^\circ\text{C} = 40.0$									60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.738	0.706	0.679	0.659	0.644	0.633			
$T/^\circ\text{C} = 60.0$									60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.587	0.568	0.552	0.537	0.525	0.516			
317	CCl_4 (1)		tetrachloromethane						56-23-5
	$\text{C}_6\text{H}_5\text{ClO}$ (2)		2-chloro-phenol						95-57-8
$T/^\circ\text{C} = 25.0$									54F1
x_2	0.0000	0.0255	0.0492	0.0756	0.1653	0.2566	0.5150	0.7650	1.0000
$\eta/(\text{mPa s})$	0.905	0.92	0.95	0.98	1.10	1.25	1.70	2.42	3.34
$T/^\circ\text{C} = 42.0$									54F1
x_2	0.0000	0.0255	0.0492	0.0756	0.1653	0.2566	0.5150	0.7650	1.0000
$\eta/(\text{mPa s})$	0.740	0.76	0.78	0.80	0.88	0.98	1.30	1.70	2.26

318	CCl₄ (1)	C₆H₅NO₂ (2)	tetrachloromethane nitrobenzene							56-23-5 98-95-3
<i>T</i> /K = 298.15										91J1
<i>x</i> ₂	0.0000	0.0989	0.1981	0.2976	0.3950	0.4960	0.5948	0.6986	0.7965	
<i>η</i> /(mPa s)	0.9240	0.9745	1.0292	1.0870	1.1586	1.2452	1.3375	1.4450	1.5526	
<i>x</i> ₂	0.8974	1.0000								
<i>η</i> /(mPa s)	1.6797	1.7916								
<i>T</i> /K = 303.15										91J1
<i>x</i> ₂	0.0000	0.0989	0.1981	0.2976	0.3950	0.4960	0.5948	0.6986	0.7965	
<i>η</i> /(mPa s)	0.8664	0.9121	0.9610	1.0150	1.0825	1.1592	1.2420	1.3284	1.4314	
<i>x</i> ₂	0.8974	1.0000								
<i>η</i> /(mPa s)	1.5454	1.6400								
<i>T</i> /K = 308.15										91J1
<i>x</i> ₂	0.0000	0.0989	0.1981	0.2976	0.3950	0.4960	0.5948	0.6986	0.7965	
<i>η</i> /(mPa s)	0.8131	0.8572	0.9006	0.9491	1.0090	1.0781	1.1516	1.2342	1.3216	
<i>x</i> ₂	0.8974	1.0000								
<i>η</i> /(mPa s)	1.4170	1.5054								
<i>T</i> /K = 313.15										91J1
<i>x</i> ₂	0.0000	0.0989	0.1981	0.2976	0.3950	0.4960	0.5948	0.6986	0.7965	
<i>η</i> /(mPa s)	0.7654	0.8045	0.8445	0.8869	0.9415	1.0047	1.0709	1.1410	1.2217	
<i>x</i> ₂	0.8974	1.0000								
<i>η</i> /(mPa s)	1.3000	1.3831								
<i>T</i> /°C = 25.0										60F1
<i>w</i> ₁	0.0000	0.2386	0.2407	0.4371	0.6483	0.7096	0.8095			
<i>η</i> /(mPa s)	1.839	1.570	1.568	1.361	1.160	1.107	1.024			
<i>T</i> /°C = 25.0										60F2
<i>w</i> ₁	0.0000	0.1291	0.2493	0.2908	0.4145	0.5495	0.6760	0.7695	0.8163	
<i>η</i> /(mPa s)	1.839	1.692	1.559	1.515	1.385	1.249	1.136	1.056	1.018	
<i>w</i> ₁	0.8363	0.8600	0.9005	0.2985	0.4604	0.6624	0.7992	0.2009	0.2961	
<i>η</i> /(mPa s)	1.003	0.985	0.957	1.506	1.337	1.148	1.032	1.611	1.509	
<i>w</i> ₁	0.4681	0.6570	0.8286							
<i>η</i> /(mPa s)	1.330	1.153	1.009							
319	CCl₄ (1)	C₆H₅NO₃ (2)	tetrachloromethane 2-nitro-phenol							56-23-5 88-75-5
<i>T</i> /°C = 25.0										54F1
<i>x</i> ₂	0.0000	0.00906	0.0208	0.0497	0.1215	0.2485	0.376			
<i>η</i> /(mPa s)	0.905	0.920	0.935	0.98	1.09	1.32	1.95			

320	CCl₄ (1)	C₆H₆ (2)	tetrachloromethane						56-23-5	71-43-2
			benzene							
<i>T</i> /°C = 30.0										91B1
<i>x</i> ₂	0.00000	0.09950	0.20018	0.30070	0.40624	0.50012	0.60044	0.69695		
<i>η</i> /(mPa s)	0.88920	0.83040	0.79138	0.74505	0.70456	0.67563	0.64844	0.62620		
<i>x</i> ₂	0.80037	0.89922	1.00000							
<i>η</i> /(mPa s)	0.61243	0.59060	0.57767							
<i>T</i> /K = 298.15										91A2
<i>x</i> ₂	0.0000	0.1022	0.2062	0.3055	0.4022	0.5051	0.6040	0.7006	0.8004	
<i>η</i> /(mPa s)	0.9397	0.8965	0.8621	0.8358	0.8053	0.7709	0.7357	0.7082	0.6785	
<i>x</i> ₂	0.8991	1.0000								
<i>η</i> /(mPa s)	0.6415	0.6158								
<i>T</i> /K = 303.15										91A2
<i>x</i> ₂	0.0000	0.1022	0.2062	0.3055	0.4022	0.5051	0.6040	0.7006	0.8004	
<i>η</i> /(mPa s)	0.8810	0.8407	0.8084	0.7825	0.7545	0.7209	0.6880	0.6618	0.6348	
<i>x</i> ₂	0.8991	1.0000								
<i>η</i> /(mPa s)	0.6047	0.5752								
<i>T</i> /K = 308.15										91A2
<i>x</i> ₂	0.0000	0.1022	0.2062	0.3055	0.4022	0.5051	0.6040	0.7006	0.8004	
<i>η</i> /(mPa s)	0.8266	0.7881	0.7580	0.7320	0.7062	0.6748	0.6434	0.6200	0.5929	
<i>x</i> ₂	0.8991	1.0000								
<i>η</i> /(mPa s)	0.5655	0.5380								
<i>T</i> /K = 313.15										91A2
<i>x</i> ₂	0.0000	0.1022	0.2062	0.3055	0.4022	0.5051	0.6040	0.7006	0.8004	
<i>η</i> /(mPa s)	0.7754	0.7415	0.7096	0.6862	0.6590	0.6313	0.6024	0.5800	0.5544	
<i>x</i> ₂	0.8991	1.0000								
<i>η</i> /(mPa s)	0.5291	0.5022								
<i>T</i> /K = 318.15										87M1
<i>x</i> ₁	0.0000	0.1399	0.2838	0.4793	0.6289	0.8405	1.0000			
<i>η</i> /(mPa s)	0.47653	0.51247	0.54780	0.60114	0.64114	0.69928	0.74444			
<i>T</i> /K = 298.15										87A3
<i>x</i> ₁	0.0000	0.1472	0.2844	0.4778	0.6302	0.8302	1.0000			
<i>η</i> /(mPa s)	0.601	0.655	0.690	0.744	0.790	0.842	0.892			
<i>T</i> /°C = 30.0										83M1
<i>x</i> ₁	0.000	0.216	0.409	0.601	0.806	1.000				
<i>η</i> /(mPa s)	0.558	0.6015	0.6543	0.7105	0.7677	0.828				
<i>T</i> /°C = 40.0										83M1

x_1	0.000	0.216	0.409	0.601	0.806	1.000				
η /(mPa s)	0.494	0.5286	0.5750	0.6178	0.6769	0.731				
T /°C = 50.0										83M1
x_1	0.000	0.216	0.409	0.601	0.806	1.000				
η /(mPa s)	0.436	0.4686	0.5094	0.5472	0.5977	0.648				
T /°C = 60.0										83M1
x_1	0.000	0.216	0.409	0.601	0.806	1.000				
η /(mPa s)	0.389	0.4247	0.4546	0.4850	0.5326	0.577				
T /°C = 20.0										82A1
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
η /(mPa s)	0.9785	0.9426	0.9050	0.8721	0.8399	0.8082	0.7747	0.7439	0.7246	
x_2	0.9	1.0								
η /(mPa s)	0.6833	0.6565								
T /°C = 25.0										71B1
x_1	0.00	0.235	0.483	0.777	1.00					
η /(mPa s)	0.600	0.665	0.735	0.829	0.902					
T /°C = 25.0										66F1
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
η /(mPa s)	0.893	0.832	0.773	0.714	0.658	0.602				
T /°C = 25.0										66K2
x_1	0.00	0.125	0.50	0.65	0.90	1.00				
η /(mPa s)	0.5996	0.6346	0.7404	0.7872	0.8691	0.9019				
T /°C = 25.0										54G1
x_1	0.0000	0.2348	0.4835	0.7767	1.0000					
η /(mPa s)	0.5996	0.6552	0.7352	0.8291	0.9019					
T /°C = 25.0										49G1
x_1	0.0000	0.2348	0.4833	0.7767	1.0000					
η /(mPa s)	0.5996	0.6552	0.7352	0.8291	0.9019					
$x_1 = 0.00$										41L1
T /°C	12.7	20.0	30.0	40.0	49.4					
η /(mPa s)	0.7747	0.6900	0.5994	0.5248	0.4691					
$x_1 = 0.20$										41L1
T /°C	11.7	20.2	30.5	39.5	49.1					
η /(mPa s)	0.8496	0.7416	0.6404	0.5692	0.5085					
$x_1 = 0.40$										41L1
T /°C	11.0	20.1	29.5	39.2						
η /(mPa s)	0.9315	0.8063	0.7070	0.6172						

$x_1 = 0.50$					41L1
$T/^\circ\text{C}$	11.0	20.1	29.5	39.0	
$\eta/(\text{mPa s})$	0.9580	0.8381	0.7278	0.6431	
$x_1 = 0.60$					41L1
$T/^\circ\text{C}$	11.0	19.9	30.2	39.2	
$\eta/(\text{mPa s})$	1.0116	0.8783	0.7543	0.6695	
$x_1 = 0.80$					41L1
$T/^\circ\text{C}$	10.5	20.1	30.1	39.2	
$\eta/(\text{mPa s})$	1.1000	0.9430	0.8132	0.7173	
$x_1 = 1.00$					41L1
$T/^\circ\text{C}$	11.8	19.5	28.7	39.0	
$\eta/(\text{mPa s})$	1.1735	1.0370	0.9088	0.7815	
$T/^\circ\text{C} = 80.0$					29K1
x_1	0.0000	0.2394	0.4764	0.7346	
$\eta/(\text{mPa s})$	0.318	0.345	0.379	0.424	
$T/^\circ\text{C} = 90.0$					29K1
x_1	0.0000	0.2394	0.4764	0.7346	
$\eta/(\text{mPa s})$	0.289	0.320	0.352	0.386	
$T/^\circ\text{C} = 100.0$					29K1
x_1	0.0000	0.2394	0.4764	0.7346	
$\eta/(\text{mPa s})$	0.264	0.288	0.321	0.353	
$T/^\circ\text{C} = 110.0$					29K1
x_1	0.0000	0.2394	0.4764	0.7346	
$\eta/(\text{mPa s})$	0.240	0.265	0.296	0.321	
$T/^\circ\text{C} = 120.0$					29K1
x_1	0.0000	0.2394	0.4764	0.7346	
$\eta/(\text{mPa s})$	0.223	0.241	0.266	0.295	
$T/^\circ\text{C} = 130.0$					29K1
x_1	0.0000	0.2394	0.4764	0.7346	
$\eta/(\text{mPa s})$	0.202	0.222	0.243	0.270	
$T/^\circ\text{C} = 140.0$					29K1
x_1	0.0000	0.2394	0.4764	0.7346	
$\eta/(\text{mPa s})$	0.187	0.203	0.224	0.247	
$T/^\circ\text{C} = 150.0$					29K1
x_1	0.0000	0.2394	0.4764	0.7346	
$\eta/(\text{mPa s})$	0.172	0.187	0.205	0.228	
$T/^\circ\text{C} = 160.0$					29K1
x_1	0.0000	0.2394	0.4764	0.7346	

η /(mPa s)	0.162	0.176	0.195	0.212					
$T/^\circ\text{C} = 170.0$									29K1
x_1	0.0000	0.2394	0.4764	0.7346					
η /(mPa s)	0.149	0.161	0.182	0.195					
$T/^\circ\text{C} = 180.0$									29K1
x_1	0.0000	0.2394	0.4764	0.7346					
η /(mPa s)	0.137	0.149	0.170	0.179					
$T/^\circ\text{C} = 190.0$									29K1
x_1	0.0000	0.2394	0.7346						
η /(mPa s)	0.128	0.139	0.166						
$T/^\circ\text{C} = 200.0$									29K1
x_1	0.0000	0.2394	0.7346						
η /(mPa s)	0.1185	0.128	0.152						
$T/^\circ\text{C} = 25.0$									67H1
x_1	1.0000	0.8887	0.7734	0.6941	0.5947	0.4430	0.3494	0.2576	0.1674
ν /(mm ² /s)	0.5684	0.5719	0.5782	0.5832	0.5904	0.6058	0.6185	0.6322	0.6475
x_1	0.0927	0.0000							
ν /(mm ² /s)	0.6650	0.6917							
321	CCl₄ (1) C₆H₆O (2)		tetrachloromethane phenol						56-23-5 108-95-2
$T/^\circ\text{C} = 15.0$									24W4
x_2	0.2512	0.2865	0.3389	0.4016	0.4950	0.5747			
η/η_{water}	1.56	1.69	1.99	2.24	2.91	3.65			
322	CCl₄ (1) C₆H₇N (2)		tetrachloromethane aniline						56-23-5 62-53-3
$T/^\circ\text{C} = 25.0$									88S2
x_2	0.0106	0.0213	0.0658	0.1224	0.2138	0.3063	0.3988	0.4956	0.5944
η /(mPa s)	0.973	0.976	1.013	1.064	1.159	1.299	1.463	1.653	1.869
x_2	0.6775	0.7546	0.8206						
η /(mPa s)	2.154	2.422	2.678						
$T/^\circ\text{C} = 35.0$									88S2
x_2	0.0106	0.0213	0.0658	0.1224	0.2138	0.3063	0.3988	0.4956	0.5944
η /(mPa s)	0.853	0.855	0.883	0.924	0.982	1.086	1.201	1.334	1.485
x_2	0.6775	0.7546	0.8206						
η /(mPa s)	1.693	1.866	2.046						
$T/^\circ\text{C} = 45.0$									88S2

x_2	0.0106	0.0213	0.0658	0.1224	0.2138	0.3063	0.3988	0.4956	0.5944
$\eta /(\text{mPa s})$	0.750	0.756	0.776	0.800	0.846	0.922	1.007	1.102	1.209
x_2	0.6775	0.7546	0.8206						
$\eta /(\text{mPa s})$	1.346	1.475	1.597						

323 **CCl_4 (1)** **tetrachloromethane** **56-23-5**
 $\text{C}_6\text{H}_7\text{N}$ (2) **4-methyl-pyridine** **108-89-4**

$T / ^\circ\text{C} = 12.0$ 71M3

x_2	0.000	0.091	0.167	0.231	0.333	0.410	0.500	0.610	0.714
$\eta /(\text{mPa s})$	1.092	1.109	1.215	1.1375	1.1518	1.160	1.1637	1.154	1.134

x_2	0.770	0.834	0.910	1.000					
$\eta /(\text{mPa s})$	1.1259	1.1005	1.0647	0.994					

$T / ^\circ\text{C} = 20.0$ 71M3

x_2	0.000	0.091	0.167	0.231	0.333	0.410	0.500	0.610	0.714
$\eta /(\text{mPa s})$	0.963	0.9759	0.9895	0.998	1.017	1.019	1.0198	1.007	0.991

x_2	0.770	0.834	0.910	1.000					
$\eta /(\text{mPa s})$	0.978	0.959	0.929	0.890					

$T / ^\circ\text{C} = 25.0$ 71M3

x_2	0.000	0.091	0.167	0.231	0.333	0.410	0.500	0.610	0.714
$\eta /(\text{mPa s})$	0.904	0.923	0.929	0.940	0.947	0.949	0.950	0.941	0.921

x_2	0.770	0.834	0.910	1.000					
$\eta /(\text{mPa s})$	0.913	0.887	0.869	0.833					

324 **CCl_4 (1)** **tetrachloromethane** **56-23-5**
 C_6H_{10} (2) **cyclohexene** **110-83-8**

$T / \text{K} = 303.15$ 90S1

x_2	0.0000	0.1014	0.2018	0.3213	0.4018	0.5046	0.5562	0.6526	0.7514
$\eta /(\text{mPa s})$	0.906	0.875	0.839	0.800	0.775	0.740	0.722	0.688	0.653

x_2	0.9049	1.0000							
$\eta /(\text{mPa s})$	0.603	0.573							

325 **CCl_4 (1)** **tetrachloromethane** **56-23-5**
 $\text{C}_6\text{H}_{10}\text{O}$ (2) **cyclohexanone** **108-94-1**

$T / \text{K} = 298.15$ 88R3

x_2	0.0000	0.0951	0.2086	0.3074	0.4109	0.5072	0.6004	0.7013	0.8072
$\eta /(\text{mPa s})$	0.948	1.017	1.109	1.193	1.289	1.381	1.476	1.577	1.669

x_2	0.9023	1.0000							
$\eta /(\text{mPa s})$	1.754	1.819							

326	CCl₄ (1)		tetrachloromethane							56-23-5
	C₆H₁₀O₂ (2)		2-methyl-prop-2-enoic acid ethyl ester							97-63-2
	<i>T/K = 303.15</i>								96S1	
<i>x₂</i>	0.0000	0.0343	0.1638	0.3394	0.4350	0.6448	0.7620	0.9444	1.0000	
<i>η/(mPa s)</i>	0.8450	0.8320	0.7800	0.7181	0.6901	0.6312	0.6064	0.5660	0.5563	
327	CCl₄ (1)		tetrachloromethane						56-23-5	
	C₆H₁₂ (2)		cyclohexane						110-82-7	
	<i>T/K = 318.15</i>								87M1	
<i>x₁</i>	0.0000	0.1636	0.3244	0.5293	0.6744	0.8658	1.0000			
<i>η/(mPa s)</i>	0.64449	0.64446	0.65220	0.66696	0.68689	0.71484	0.74444			
	<i>T/K = 298.15</i>								87A3	
<i>x₁</i>	0.0000	0.1774	0.3265	0.5278	0.6746	0.8521	1.0000			
<i>η/(mPa s)</i>	0.883	0.847	0.831	0.836	0.844	0.860	0.892			
	<i>T/K = 298.15</i>								86F1	
<i>x₂</i>	0.000	0.151	0.300	0.450	0.600	0.700	0.800	0.900	1.000	
<i>η/(mPa s)</i>	0.901	0.868	0.852	0.845	0.853	0.856	0.862	0.882	0.905	
<i>(parameters of a fitting function are given in the original source for 285 ≤ T/K ≤ 340)</i>										
	<i>T/ °C = 20.0</i>								82A1	
<i>x₂</i>	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
<i>η/(mPa s)</i>	0.9785	0.9700	0.9648	0.9540	0.9465	0.9527	0.9421	0.9458	0.9637	
<i>x₂</i>	0.9	1.0								
<i>η/(mPa s)</i>	0.9643	0.9751								
	<i>T/ °C = 25.0</i>								71B1	
<i>x₂</i>	0.00	0.230	0.471	0.728	1.00					
<i>η/(mPa s)</i>	0.903	0.867	0.857	0.858	0.886					
	<i>T/ °C = 25.0</i>								66K2	
<i>x₁</i>	0.00	0.50	0.625	1.00						
<i>η/(mPa s)</i>	0.8856	0.8551	0.8594	0.9019						
	<i>T/ °C = 25.0</i>								56H1	
<i>x₁</i>	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
<i>η/(mPa s)</i>	0.900	0.882	0.869	0.863	0.858	0.856	0.860	0.864	0.871	
<i>x₁</i>	0.9	1.0								
<i>η/(mPa s)</i>	0.886	0.904								
	<i>T/ °C = 25.0</i>								54G1	

x_1	0.0000	0.2720	0.5295	0.7707	1.0000				
η /(mPa s)	0.8856	0.8580	0.8568	0.8670	0.9016				
$T/^\circ\text{C} = 25.0$									
x_1	0.0000	0.2720	0.5295	0.7707	1.0000				
η /(mPa s)	0.8856	0.8580	0.8568	0.8670	0.9016				
$T/\text{K} = 298.15$									
φ_1	0.0000	0.2047	0.3317	0.4330	0.5333	0.6298	0.7166	0.7959	1.0000
ν /(mm ² /s)	1.1512	0.9179	0.8224	0.7599	0.7115	0.6698	0.6398	0.6160	0.5675
328	CCl₄ (1)		tetrachloromethane						56-23-5
	C₆H₁₂O₂ (2)		acetic acid butyl ester						123-86-4
$T/\text{K} = 303.15$									
x_1	0.0000	0.1942	0.3145	0.4207	0.5252	0.5754	0.7049	0.7537	0.8196
η /(mPa s)	0.628	0.664	0.685	0.702	0.720	0.732	0.759	0.774	0.788
x_1	0.8765	0.9415	1.0000						
η /(mPa s)	0.803	0.823	0.845						
$T/\text{K} = 313.15$									
x_1	0.0000	0.2041	0.4028	0.5068	0.6040	0.8058	1.0000		
η /(mPa s)	0.557	0.587	0.619	0.634	0.651	0.695	0.744		
329	CCl₄ (1)		tetrachloromethane						56-23-5
	C₆H₁₂O₂ (2)		butyric acid ethyl ester						105-54-4
$T/\text{K} = 303.15$									
x_1	0.0000	0.0610	0.1443	0.2812	0.3929	0.5226	0.5625	0.6324	0.7331
η /(mPa s)	0.595	0.606	0.621	0.648	0.672	0.699	0.708	0.726	0.748
x_1	0.8278	0.8866	0.9455	1.0000					
η /(mPa s)	0.778	0.798	0.819	0.845					
$T/\text{K} = 313.15$									
x_1	0.0000	0.2056	0.4083	0.5058	0.6059	0.7990	1.0000		
η /(mPa s)	0.559	0.586	0.615	0.631	0.647	0.690	0.744		
330	CCl₄ (1)		tetrachloromethane						56-23-5
	C₆H₁₂O₂ (2)		hexanoic acid						142-62-1
$T/^\circ\text{C} = 25.0$									
w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
η /(mPa s)	0.902	0.966	1.033	1.188	1.548	1.743	1.927	2.343	2.814

331	CCl₄ (1)	C₆H₁₃Br (2)	tetrachloromethane						56-23-5
			1-bromo-hexane						111-25-1
<i>T</i> /°C = 25.0									77S2
<i>x</i> ₂	0.1135	0.1518	0.1823	0.2319	0.3098	0.4740	0.6449	1.0000	
<i>η</i> /(mPa s)	0.8881	0.8858	0.8835	0.88215	0.8844	0.8943	0.9113	0.9475	
<i>T</i> /°C = 30.3									77S2
<i>x</i> ₂	0.0368	0.0894	0.1554	0.1952	0.2666	0.4240	0.5955	0.7896	1.0000
<i>η</i> /(mPa s)	0.8329	0.8281	0.8277	0.8288	0.8328	0.8436	0.8555	0.8708	0.8850
<i>T</i> /°C = 40.2									77S2
<i>x</i> ₂	0.0691	0.0909	0.1303	0.1568	0.1996	0.2736	0.5015	0.7896	1.0000
<i>η</i> /(mPa s)	0.7236	0.7230	0.72515	0.7252	0.7259	0.7309	0.7462	0.7649	0.7820
332	CCl₄ (1)	C₆H₁₄ (2)	tetrachloromethane						56-23-5
			hexane						110-54-3
<i>T</i> /K = 303.15									88R1
<i>x</i> ₁	0.0000	0.1150	0.2303	0.2991	0.4277	0.5521	0.6234	0.7182	0.8039
<i>η</i> /(mPa s)	0.309	0.316	0.363	0.411	0.516	0.633	0.710	0.830	0.966
<i>x</i> ₁	0.8856	0.9344	1.0000						
<i>η</i> /(mPa s)	1.133	1.256	1.456						
<i>T</i> /°C = 25.0									64B2
<i>x</i> ₁	0.0000	0.1729	0.3869	0.5869	0.7906	1.0000			
<i>η</i> /(mPa s)	0.2958	0.3422	0.4102	0.5067	0.6461	0.8963			
<i>T</i> /°C = 25.0									67H1
<i>x</i> ₁	0.8872	0.8349	0.7721	0.6091	0.5350	0.4421	0.2708	0.1447	0.0000
<i>v</i> /(mm ² /s)	0.5096	0.4908	0.4731	0.4418	0.4338	0.4279	0.4273	0.4344	0.4520
333	CCl₄ (1)	C₆H₁₄O (2)	tetrachloromethane						56-23-5
			hexan-1-ol						111-27-3
<i>T</i> /°C = 25.0									65B1
<i>x</i> ₂	0.0000	0.0092	0.0374	0.0912	0.1545	0.2095	0.2930	0.3554	0.4960
<i>η</i> /(mPa s)	0.900	0.909	0.941	1.000	1.110	1.197	1.368	1.533	1.956
<i>x</i> ₂	0.6252	0.7459	0.8652	1.0000					
<i>η</i> /(mPa s)	2.531	3.091	3.830	4.611					
<i>T</i> /°C = 35.0									65B1
<i>x</i> ₂	0.0000	0.0092	0.0374	0.0912	0.1545	0.2095	0.2930	0.3554	0.4960
<i>η</i> /(mPa s)	0.785	0.786	0.817	0.865	0.938	1.008	1.127	1.255	1.564
<i>x</i> ₂	0.6252	0.7459	0.8652	1.0000					
<i>η</i> /(mPa s)	1.957	2.344	2.863	3.405					

$T/^\circ\text{C} = 45.0$									65B1
x_2	0.0000	0.0092	0.0374	0.0912	0.1545	0.2095	0.2930	0.3554	0.4960
$\eta/(\text{mPa s})$	0.692	0.691	0.710	0.745	0.806	0.861	0.942	1.046	1.273
x_2	0.6252	0.7459	0.8652	1.0000					
$\eta/(\text{mPa s})$	1.548	1.814	2.202	2.580					
$T/^\circ\text{C} = 55.0$									65B1
x_2	0.0000	0.0092	0.0374	0.0912	0.1545	0.2095	0.2930	0.3554	0.4960
$\eta/(\text{mPa s})$	0.617	0.617	0.622	0.646	0.700	0.740	0.808	0.847	1.051
x_2	0.6252	0.7459	0.8652	1.0000					
$\eta/(\text{mPa s})$	1.251	1.447	1.721	1.993					
$T/^\circ\text{C} = 25.0$									48J1
w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
$\eta/(\text{mPa s})$	0.902	0.961	1.058	1.299	1.931	2.317	2.737	3.570	4.329
334	CCl_4 (1)		tetrachloromethane						56-23-5
	$\text{C}_6\text{H}_{14}\text{O}_2$ (2)		2-butoxy-ethanol						111-76-2
$T/\text{K} = 298.15$									97P1
x_2	0.0000	0.0054	0.0106	0.0262	0.0778	0.1296	0.1914	0.2889	0.3826
$\eta/(\text{mPa s})$	0.905	0.913	0.919	0.918	0.968	1.035	1.125	1.283	1.470
x_2	0.4809	0.5388	0.5933	0.6963	1.0000				
$\eta/(\text{mPa s})$	1.687	1.810	1.935	2.162	2.836				
335	CCl_4 (1)		tetrachloromethane						56-23-5
	$\text{C}_6\text{H}_{14}\text{O}_3$ (2)		1-methoxy-2-(2-methoxy-ethoxy)-ethane						111-96-6
$T/\text{K} = 298.15$									94H1
x_2	0.0000	0.0934	0.1967	0.3018	0.4053	0.4892	0.5352	0.5920	0.6503
$\eta/(\text{mPa s})$	0.900	0.965	0.995	1.023	1.044	1.059	1.060	1.057	1.052
x_2	0.6902	0.7963	0.8656	0.9021	0.9343	1.0000			
$\eta/(\text{mPa s})$	1.043	1.031	1.019	1.011	1.001	0.981			
336	CCl_4 (1)		tetrachloromethane						56-23-5
	$\text{C}_6\text{H}_{18}\text{O}_3\text{Si}_3$ (2)		hexamethyl-cyclotrisiloxane						541-05-9
$T/\text{K} = 298.15$									86F1
x_2	0.000	0.100	0.200	0.300	0.400	0.500	0.599		
$\eta/(\text{mPa s})$	0.901	0.884	0.871	0.864	0.858	0.866	0.872		

(parameters of a fitting function are given in the original source for $285 \leq T/\text{K} \leq 340$)

337	CCl₄ (1)		tetrachloromethane							56-23-5
	C₇H₆O₂ (2)		2-hydroxy-benzaldehyde							90-02-8
<i>T</i> /°C = 25.0										
<i>x</i> ₂	0.0000	0.00718	0.01853	0.0612	0.1191	0.2409	0.4986	0.7340	1.0000	
<i>η</i> /(mPa s)	0.905	0.91	0.92	0.94	0.98	1.08	1.43	1.90	2.55	
338	CCl₄ (1)		tetrachloromethane							56-23-5
	C₇H₈ (2)		toluene							108-88-3
<i>T</i> /K = 298.15										
<i>x</i> ₁	0.0000	0.1009	0.1855	0.2612	0.3536	0.5363	0.6882	0.8272	0.9246	
<i>η</i> /(mPa s)	0.556	0.469	0.451	0.456	0.484	0.593	0.726	0.837	0.884	
<i>x</i> ₁	1.0000									
<i>η</i> /(mPa s)	0.906									
<i>T</i> /°C = 25.0										
<i>x</i> ₂	0.0	0.25	0.50	0.75	1.0					
<i>η</i> /(mPa s)	0.559	0.615	0.694	0.780	0.890					
339	CCl₄ (1)		tetrachloromethane							56-23-5
	C₇H₈O (2)		methoxybenzene							100-66-3
<i>T</i> /°C = 25.0										
<i>x</i> ₂	0.0000	0.1050	0.2013	0.3026	0.3956	0.5023	0.5968	0.6990	0.7970	
<i>η</i> /(mPa s)	0.9275	0.9408	0.9425	0.9493	0.9547	0.9644	0.9745	0.9834	0.9896	
<i>x</i> ₂	0.8998	1.0000								
<i>η</i> /(mPa s)	0.9961	0.9785								
<i>T</i> /°C = 30.0										
<i>x</i> ₂	0.0000	0.1050	0.2013	0.3026	0.3956	0.5023	0.5968	0.6990	0.7970	
<i>η</i> /(mPa s)	0.8702	0.8895	0.8842	0.8852	0.8927	0.9013	0.9054	0.9147	0.9190	
<i>x</i> ₂	0.8998	1.0000								
<i>η</i> /(mPa s)	0.9260	0.9070								
<i>T</i> /°C = 35.0										
<i>x</i> ₂	0.0000	0.1050	0.2013	0.3026	0.3956	0.5023	0.5968	0.6990	0.7970	
<i>η</i> /(mPa s)	0.8162	0.8268	0.8263	0.8279	0.8326	0.8397	0.8446	0.8502	0.8547	
<i>x</i> ₂	0.8998	1.0000								
<i>η</i> /(mPa s)	0.8580	0.8422								
<i>T</i> /°C = 40.0										
<i>x</i> ₂	0.0000	0.1050	0.2013	0.3026	0.3956	0.5023	0.5968	0.6990	0.7970	
<i>η</i> /(mPa s)	0.7676	0.7762	0.7751	0.7851	0.7777	0.7837	0.7864	0.7919	0.7946	
<i>x</i> ₂	0.8998	1.0000								

η /(mPa s) 0.7981 0.7814

$T/^\circ\text{C} = 15.0$

24W4

x_2 0.2469 0.2300 0.4000 0.4975 0.5714 0.6666
 η/η_{water} 0.934 0.945 0.953 0.964 0.971 0.980

340 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
C₇H₈O (2) **2-methyl-phenol** **95-48-7**

$T/^\circ\text{C} = 25.0$

54F1

x_2 0.0000 0.00908 0.02742 0.0448 0.0877 0.1218 0.234 0.395 0.597
 η /(mPa s) 0.905 0.92 0.96 1.00 1.09 1.15 1.46 2.00 3.07
 x_2 0.760 1.000
 η /(mPa s) 4.89 7.60

341 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
C₇H₈O₂ (2) **2-methoxy-phenol** **90-05-1**

$T/^\circ\text{C} = 25.0$

54F1

x_2 0.0000 0.01135 0.02162 0.0514 0.1061 0.286 0.341 0.4605 0.687
 η /(mPa s) 0.905 0.914 0.924 0.95 0.99 1.30 1.43 1.90 2.92

342 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
C₇H₁₄ (2) **cycloheptane** **291-64-5**

$T/\text{K} = 298.15$

86F1

x_2 0.000 0.150 0.300 0.449 0.600 0.699 0.802 0.900 1.000
 η /(mPa s) 0.901 0.925 0.962 1.015 1.078 1.126 1.185 1.242 1.331

(parameters of a fitting function are given in the original source for $285 \leq T/\text{K} \leq 340$)

343 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
C₇H₁₄O₂ (2) **heptanoic acid** **111-14-8**

$T/^\circ\text{C} = 25.0$

48J1

w_2 0.00 0.05 0.10 0.20 0.40 0.50 0.60 0.80 1.00
 η /(mPa s) 0.902 0.990 1.080 1.271 1.767 2.046 2.362 3.015 3.784

344 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
C₇H₁₅Br (2) **1-bromo-heptane** **629-04-9**

$T/^\circ\text{C} = 10.0$

77S2

x_2 0.123 0.259 0.412 0.584 1.000
 η /(mPa s) 1.185 1.210 1.260 1.305 1.395

$T/^\circ\text{C} = 20.0$						77S2
x_2	0.123	0.259	0.412	0.584	1.000	
$\eta/(\text{mPa s})$	1.015	1.045	1.090	1.130	1.205	
$T/^\circ\text{C} = 30.0$						77S2
x_2	0.123	0.259	0.412	0.584	1.000	
$\eta/(\text{mPa s})$	0.878	0.905	0.945	0.982	1.050	
$T/^\circ\text{C} = 40.0$						77S2
x_2	0.123	0.259	0.412	0.584	1.000	
$\eta/(\text{mPa s})$	0.769	0.797	0.832	0.865	0.925	
$T/^\circ\text{C} = 50.0$						77S2
x_2	0.123	0.259	0.412	0.584	1.000	
$\eta/(\text{mPa s})$	0.677	0.705	0.738	0.767	0.820	

345 **CCl_4 (1)** **tetrachloromethane** **56-23-5**
 C_7H_{16} (2) **heptane** **142-82-5**

$T/\text{K} = 303.15$										88R1
x_1	0.0000	0.1397	0.2476	0.3744	0.4722	0.5731	0.6565	0.7428	0.8309	
$\eta/(\text{mPa s})$	0.393	0.398	0.472	0.564	0.643	0.727	0.800	0.896	1.023	
x_1	0.9008	0.9406	1.0000							
$\eta/(\text{mPa s})$	1.165	1.267	1.456							

346 **CCl_4 (1)** **tetrachloromethane** **56-23-5**
 $\text{C}_7\text{H}_{16}\text{O}$ (2) **heptan-1-ol** **111-70-6**

$T/^\circ\text{C} = 25.0$										65B1
x_2	0.0000	0.0559	0.1470	0.2529	0.3189	0.3828	0.6371	0.7713	0.8160	
$\eta/(\text{mPa s})$	0.900	0.969	1.151	1.453	2.619	2.839	3.080	3.949	4.238	
x_2	1.0000									
$\eta/(\text{mPa s})$	5.551									
$T/^\circ\text{C} = 35.0$										65B1
x_2	0.0000	0.0559	0.1470	0.2529	0.3189	0.3828	0.6371	0.7713	0.8160	
$\eta/(\text{mPa s})$	0.785	0.832	1.004	1.227	1.321	1.489	2.329	2.943	3.167	
x_2	1.0000									
$\eta/(\text{mPa s})$	4.069									
$T/^\circ\text{C} = 45.0$										65B1
x_2	0.0000	0.0559	0.1470	0.2529	0.3189	0.3828	0.6371	0.7713	0.8160	
$\eta/(\text{mPa s})$	0.692	0.725	0.867	1.052	1.096	1.231	1.851	2.256	2.422	
x_2	1.0000									
$\eta/(\text{mPa s})$	3.061									
$T/^\circ\text{C} = 55.0$										65B1

x_2	0.0000	0.0559	0.1470	0.2529	0.3189	0.3828	0.6371	0.7713	0.8160
η /(mPa s)	0.617	0.635	0.762	0.903	0.935	1.030	1.471	1.778	1.891
x_2	1.0000								
η /(mPa s)	2.344								
T /°C = 25.0									48J1
w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
η /(mPa s)	0.902	0.982	1.102	1.402	2.175	2.716	3.302	4.527	5.710
347	CCl₄ (1) C₈H₈O₂ (2)		tetrachloromethane 1-(2-hydroxy-phenyl)-ethanone						56-23-5 118-93-4
T /°C = 25.0									54F1
x_2	0.0000	0.00696	0.01677	0.0451	0.0845	0.2132	0.509	0.742	1.000
η /(mPa s)	0.905	0.91	0.92	0.94	0.98	1.14	1.63	2.16	2.96
348	CCl₄ (1) C₈H₈O₃ (2)		tetrachloromethane 2-hydroxy-benzoic acid methyl ester						56-23-5 119-36-8
T /°C = 25.0									54F1
x_2	0.0000	0.01169	0.0403	0.0856	0.1359	0.268	0.420	0.740	1.000
η /(mPa s)	0.905	0.92	0.95	1.01	1.08	1.27	1.53	2.22	2.92
349	CCl₄ (1) C₈H₁₀ (2)		tetrachloromethane 1,2-dimethyl-benzene						56-23-5 95-47-6
T /K = 298.15									81R3
x_1	0.0000	0.0656	0.2424	0.4464	0.5536	0.5803	0.6341	0.7930	0.9312
η /(mPa s)	0.765	0.722	0.636	0.606	0.628	0.639	0.666	0.772	0.872
x_1	1.0000								
η /(mPa s)	0.906								
350	CCl₄ (1) C₈H₁₀ (2)		tetrachloromethane 1,3-dimethyl-benzene						56-23-5 108-38-3
T /K = 298.15									81R3
x_1	0.0000	0.1974	0.3803	0.4687	0.5267	0.5964	0.7155	0.8693	0.9105
η /(mPa s)	0.588	0.509	0.665	0.716	0.751	0.792	0.851	0.894	0.902
x_1	1.0000								
η /(mPa s)	0.906								
351	CCl₄ (1) C₈H₁₀ (2)		tetrachloromethane 1,4-dimethyl-benzene						56-23-5 106-42-3

$T/K = 298.15$										81R3
x_1	0.0000	0.1248	0.2635	0.3695	0.4691	0.5467	0.7054	0.7959	0.9130	
$\eta /(\text{mPa s})$	0.615	0.662	0.729	0.781	0.826	0.844	0.872	0.882	0.894	
x_1	1.0000									
$\eta /(\text{mPa s})$	0.906									

352 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₈H₁₆ (2) **cyclooctane** **292-64-8**

$T/K = 298.15$										86F1
x_2	0.000	0.151	0.300	0.451	0.600	0.700	0.800	0.900	1.000	
$\eta /(\text{mPa s})$	0.901	1.005	1.131	1.316	1.454	1.605	1.782	2.018	2.263	

(parameters of a fitting function are given in the original source for $285 \leq T/K \leq 340$)

353 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₈H₁₆O₂ (2) **octanoic acid** **124-07-2**

$T/^\circ\text{C} = 25.0$										48J1
w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	0.902	1.011	1.124	1.380	2.021	2.406	2.867	3.905	5.160	

354 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₈H₁₇Br (2) **1-bromo-octane** **111-83-1**

$T/^\circ\text{C} = 20.0$										77S2
x_2	0.0483	0.0969	0.1945	0.3916	0.5916	0.7943	1.0000			
$\eta /(\text{mPa s})$	0.9339	0.8701	1.0369	1.17335	1.2945	1.4041	1.5437			
$T/^\circ\text{C} = 30.4$										77S2
x_2	0.0608	0.0978	0.1964	0.3775	0.5801	0.8407	1.0000			
$\eta /(\text{mPa s})$	0.8700	0.8930	0.9550	1.0795	1.1804	1.3071	1.40615			
$T/^\circ\text{C} = 40.5$										77S2
x_2	0.0482	0.0973	0.1952	0.3945	0.5771	0.7616	1.0000			
$\eta /(\text{mPa s})$	0.7513	0.77635	0.8276	0.9359	1.0224	1.0966	1.2039			

355 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₈H₁₈ (2) **octane** **111-65-9**

$T/K = 303.15$										88R1
x_1	0.0000	0.1642	0.2409	0.3162	0.3944	0.4996	0.5896	0.6696	0.7658	
$\eta /(\text{mPa s})$	0.496	0.536	0.562	0.610	0.655	0.725	0.794	0.864	0.976	
x_1	0.8847	0.9045	1.0000							

η /(mPa s) 1.167 1.208 1.456

356 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₈H₁₈O (2) **octan-1-ol** **111-87-5**

$T/^\circ\text{C} = 25.0$ 65B1

x_2 0.0000 0.0230 0.1038 0.2244 0.3266 0.5645 0.7021 0.8568 1.0000
 η /(mPa s) 0.900 0.920 1.100 1.468 1.867 3.233 4.311 5.746 7.300

$T/^\circ\text{C} = 35.0$ 65B1

x_2 0.0000 0.0230 0.1038 0.2244 0.3266 0.5645 0.7021 0.8568 1.0000
 η /(mPa s) 0.785 0.796 0.937 1.221 1.527 2.495 3.197 4.172 5.213

$T/^\circ\text{C} = 45.0$ 65B1

x_2 0.0000 0.0230 0.1038 0.2244 0.3266 0.5645 0.7021 0.8568 1.0000
 η /(mPa s) 0.692 0.696 0.805 1.029 1.255 1.946 2.447 3.118 3.840

$T/^\circ\text{C} = 55.0$ 65B1

x_2 0.0000 0.0230 0.1038 0.2244 0.3266 0.5645 0.7021 0.8568 1.0000
 η /(mPa s) 0.617 0.615 0.728 0.874 1.062 1.563 1.927 2.390 2.891

$T/^\circ\text{C} = 25.0$ 48J1

w_2 0.00 0.05 0.10 0.20 0.40 0.50 0.60 0.80 1.00
 η /(mPa s) 0.902 1.000 1.139 1.470 2.483 3.124 3.847 5.580 7.330

357 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₈H₁₈O₃ (2) **2-(2-butoxy-ethoxy)-ethanol** **112-34-5**

$T/\text{K} = 298.15$ 98P2

x_2 0.0000 0.0200 0.0380 0.0629 0.0892 0.1363 0.1800 0.2249 0.2644
 η /(mPa s) 0.905 0.948 0.989 1.050 1.140 1.290 1.442 1.630 1.796

x_2 0.3052 0.3917 0.4307 0.4809 0.5267 0.5721 0.6126 0.6679
 η /(mPa s) 1.974 2.132 2.594 2.841 3.065 3.292 3.489 3.769

x_2 0.7225 0.7669 0.8132 0.8674 0.9149 0.9436 0.9724 1.0000
 η /(mPa s) 4.032 4.227 4.438 4.688 4.885 5.010 5.074 5.232

358 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₈H₁₉N (2) **dibutylamine** **111-92-2**

$T/\text{K} = 298.15$ 92A1

x_2 0.0922 0.1730 0.3108 0.4089 0.5011 0.5964 0.7077 0.7916 0.9034
 η /(mPa s) 0.898 0.894 0.887 0.881 0.877 0.872 0.864 0.848 0.823

359 **CCl₄ (1)** **tetrachloromethane** **56-23-5**
 C₈H₂₀O₄Si (2) **silicic acid tetraethyl ester** **78-10-4**

$T/^\circ\text{C} = 20.0$										63V1
x_2	0.0000	0.0460	0.0979	0.1570	0.2244	0.3028	0.3947	0.5032	0.6349	
$\eta/(\text{mPa s})$	0.9650	0.9500	0.9310	0.9112	0.8920	0.8692	0.8397	0.8047	0.7795	
x_2	0.7957	1.0000								
$\eta/(\text{mPa s})$	0.7493	0.7147								

360 **CCl_4 (1)** **tetrachloromethane** **56-23-5**
 $\text{C}_8\text{H}_{24}\text{O}_4\text{Si}_4$ (2) **octamethyl-cyclotetrasiloxane** **556-67-2**

$T/\text{K} = 298.15$										86F1
x_2	0.000	0.150	0.300	0.450	0.599	0.700	0.798	0.900	1.000	
$\eta/(\text{mPa s})$	0.901	1.082	1.244	1.437	1.616	1.749	1.878	2.036	2.187	

(parameters of a fitting function are given in the original source for $285 \leq T/\text{K} \leq 340$)

361 **CCl_4 (1)** **tetrachloromethane** **56-23-5**
 $\text{C}_9\text{H}_{19}\text{Br}$ (2) **1-bromo-nonane** **693-58-3**

$T/^\circ\text{C} = 24.6$										77S2
x_2	0.0486	0.0978	0.1959	0.3924	0.5939	0.7974	1.0000			
$\eta/(\text{mPa s})$	0.9597	1.0131	1.1202	1.3271	1.5273	1.74435	1.9222			
$T/^\circ\text{C} = 30.4$										77S2
x_2	0.0959	0.2498	0.3966	0.5928	0.7755	1.0000				
$\eta/(\text{mPa s})$	0.92605	1.0858	1.2200	1.3809	1.5260	1.7206				
$T/^\circ\text{C} = 40.5$										77S2
x_2	0.0515	0.0985	0.1952	0.3592	0.5926	0.7767	1.0000			
$\eta/(\text{mPa s})$	0.7651	0.8039	0.8852	1.0275	1.1889	1.3013	1.4583			

362 **CCl_4 (1)** **tetrachloromethane** **56-23-5**
 C_9H_{20} (2) **nonane** **111-84-2**

$T/\text{K} = 303.15$										88R1
x_1	0.0000	0.1552	0.2636	0.3332	0.3926	0.5196	0.5976	0.6903	0.7468	
$\eta/(\text{mPa s})$	0.639	0.651	0.704	0.742	0.770	0.836	0.879	0.943	0.991	
x_1	0.8858	0.9204	1.0000							
$\eta/(\text{mPa s})$	1.163	1.235	1.456							

363 **CCl_4 (1)** **tetrachloromethane** **56-23-5**
 $\text{C}_{10}\text{H}_{12}\text{O}_2$ (2) **2-methoxy-4-(2-propenyl)-phenol** **97-53-0**

$T/^\circ\text{C} = 25.0$										54F1
x_2	0.0000	0.00791	0.0298	0.0671	0.0994	0.1134	0.243	0.4973	0.743	

η /(mPa s)	0.905	0.92	0.97	1.05	1.12	1.15	1.51	2.71	4.38
x_2	1.000								
η /(mPa s)	7.10								

364	CCl₄ (1) C₁₀H₁₄N₂ (2)	tetrachloromethane (S)-(-)-nicotine							56-23-5 54-11-5
$T/^\circ\text{C} = 25.0$									50B2
x_2	0.0000	0.1276	0.2589	0.3770	0.5036	0.6215	0.7570	0.8520	1.0000
η /(mPa s)	0.9240	1.1979	1.5456	1.9146	2.2747	2.7032	3.0763	3.4054	3.8942
$T/^\circ\text{C} = 35.0$									50B2
x_2	0.0000	0.1276	0.2589	0.3770	0.5036	0.6215	0.7570	0.8520	1.0000
η /(mPa s)	0.7937	1.0122	1.2722	1.5709	1.8142	2.1118	2.3899	2.6284	3.1555
$T/^\circ\text{C} = 50.0$									50B2
x_2	0.0000	0.1276	0.2589	0.3770	0.5036	0.6215	0.7570	0.8520	1.0000
η /(mPa s)	0.6607	0.8402	1.0011	1.2156	1.3693	1.5023	1.7311	1.9065	2.0376

365	CCl₄ (1) C₁₀H₁₈ (2)	tetrachloromethane cis-decahydro-naphthalene							56-23-5 493-01-6
$T/\text{K} = 298.15$									86F1
x_2	0.000	0.100	0.199	0.349	0.499	0.625	0.750	0.875	1.000
η /(mPa s)	0.901	1.011	1.152	1.368	1.674	1.924	2.212	2.589	3.000

(parameters of a fitting function are given in the original source for $285 \leq T/\text{K} \leq 340$)

366	CCl₄ (1) C₁₀H₂₀ (2)	tetrachloromethane cyclodecane							56-23-5 293-96-9
$T/\text{K} = 298.15$									86F1
x_2	0.000	0.130	0.300	0.450	0.601	0.700	0.799	0.900	1.000
η /(mPa s)	0.901	1.106	1.385	1.718	2.132	2.518	2.929	3.459	4.047

(parameters of a fitting function are given in the original source for $285 \leq T/\text{K} \leq 340$)

367	CCl₄ (1) C₁₀H₂₁Br (2)	tetrachloromethane 1-bromo-decane							56-23-5 112-29-8
$T/^\circ\text{C} = 24.6$									77S2
x_2	0.0484	0.0969	0.1945	0.3918	0.5923	0.7944	1.0000		
η /(mPa s)	0.9823	1.0572	1.2080	1.5202	1.8582	2.10645	2.3500		
$T/^\circ\text{C} = 30.8$									77S2
x_2	0.0456	0.0914	0.1852	0.2667	0.5802	0.7825	1.0000		
η /(mPa s)	0.8918	0.9574	1.1047	1.2004	1.6180	1.86425	2.0800		

$T/^\circ\text{C} = 40.4$								77S2
x_2	0.0457	0.0920	0.1856	0.3780	0.5776	0.7832	1.0000	
$\eta/(\text{mPa s})$	0.7792	0.8323	0.94795	1.1712	1.3770	1.5615	1.7500	

368	CCl_4 (1)		tetrachloromethane					56-23-5
	$\text{C}_{10}\text{H}_{22}\text{O}$ (2)		decan-1-ol					112-30-1

$T/^\circ\text{C} = 25.0$								48J1	
w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
$\eta/(\text{mPa s})$	0.902	1.031	1.224	1.775	3.091	4.012	5.080	7.860	11.35

369	CCl_4 (1)		tetrachloromethane					56-23-5
	$\text{C}_{10}\text{H}_{30}\text{O}_5\text{Si}_5$ (2)		decamethyl-cyclopentasiloxane					541-02-6

$T/\text{K} = 298.15$								86F1	
x_2	0.000	0.150	0.293	0.450	0.601	0.700	0.801	0.900	1.000
$\eta/(\text{mPa s})$	0.901	1.185	1.490	1.937	2.374	2.711	3.006	3.409	3.761

(parameters of a fitting function are given in the original source for $285 \leq T/\text{K} \leq 340$)

370	CCl_4 (1)		tetrachloromethane					56-23-5
	$\text{C}_{12}\text{H}_{24}$ (2)		cyclododecane					294-62-2

$T/\text{K} = 298.15$								86F1
x_2	0.000	0.100	0.199	0.299	0.445	0.596		
$\eta/(\text{mPa s})$	0.901	1.080	1.288	1.518	1.954	2.490		

(parameters of a fitting function are given in the original source for $285 \leq T/\text{K} \leq 340$)

371	CCl_4 (1)		tetrachloromethane					56-23-5
	$\text{C}_{12}\text{H}_{27}\text{O}_4\text{P}$ (2)		phosphoric acid tributyl ester					126-73-8

$T/^\circ\text{C} = 25.0$								94R5
x_2	0.000	0.104	0.200	0.401	0.607	0.803	0.903	1.000
$\eta/(\text{mPa s})$	0.982	1.248	1.517	2.107	2.640	2.981	3.055	3.092

$T/^\circ\text{C} = 30.0$								94R5
x_2	0.000	0.104	0.200	0.401	0.607	0.803	0.903	1.000
$\eta/(\text{mPa s})$	0.914	1.149	1.396	1.931	2.316	2.642	2.736	2.816

$T/^\circ\text{C} = 35.0$								94R5
x_2	0.000	0.104	0.200	0.401	0.607	0.803	0.903	1.000
$\eta/(\text{mPa s})$	0.869	1.072	1.296	1.762	2.111	2.371	2.452	2.517

$T/^\circ\text{C} = 40.0$								94R5
x_2	0.000	0.104	0.200	0.401	0.607	0.803	0.903	1.000

η /(mPa s)	0.825	1.002	1.202	1.589	1.908	2.144	2.230	2.283	
T /°C = 45.0									94R5
x_2	0.000	0.104	0.200	0.401	0.607	0.803	0.903	1.000	
η /(mPa s)	0.789	0.939	1.135	1.427	1.752	1.987	2.012	2.116	
T /K = 303.15									94D2
x_2	0.000	0.038	0.082	0.133	0.193	0.264	0.349	0.455	0.588
η /(mPa s)	0.899	0.976	1.095	1.290	1.404	1.662	1.816	2.012	2.400
x_2	0.763	1.0000							
η /(mPa s)	2.709	2.967							
372	CCl₄ (1) C₁₆H₃₄ (2)		tetrachloromethane hexadecane						56-23-5 544-76-3
T /°C = 25.0									67H1
x_2	0.7183	0.5598	0.4256	0.3414	0.2601	0.2075	0.1563	0.1159	0.0710
ν /(mm ² /s)	2.9093	2.3221	1.8410	1.5521	1.2903	1.1321	0.9793	0.8655	0.7438
x_2	0.0342	0.0000							
ν /(mm ² /s)	0.6508	0.5684							
373	CCl₄ (1) C₂₀H₄₀O₂ (2)		tetrachloromethane octadecanoic acid ethyl ester						56-23-5 111-61-5
T /°C = 40.0									61T2
x_2	0.0	0.25	0.50	0.75	1.00				
η /(mPa s)	0.74	2.12	3.35	4.41	5.34				
T /°C = 60.0									61T2
x_2	0.0	0.25	0.50	0.75	1.00				
η /(mPa s)	0.59	1.85	2.32	2.95	3.45				
374	CCl₄ (1) C₂₆H₅₀O₄ (2)		tetrachloromethane hexanedioic acid didecyl ester						56-23-5 105-97-5
T /°C = 40.0									67V1
x_2	0.0	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.75	2.92	5.01	6.96	8.68	10.12			
T /°C = 60.0									67V1
x_2	0.0	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.61	1.99	3.28	4.44	5.36	6.01			
375	CHBr₃ (1) CH₄O (2)		tribromomethane methanol						75-25-2 67-56-1

$T/K = 298.15$										91A3
x_1	0.0000	0.1015	0.2037	0.2820	0.3996	0.5029	0.6032	0.7047	0.7926	
$\eta /(\text{mPa s})$	0.5584	0.7779	0.9810	1.1030	1.3032	1.4309	1.5400	1.6368	1.7239	
x_1	0.8961	1.0000								
$\eta /(\text{mPa s})$	1.8316	1.9860								
$T/K = 303.15$										91A3
x_1	0.0000	0.1015	0.2037	0.2820	0.3996	0.5029	0.6032	0.7047	0.7926	
$\eta /(\text{mPa s})$	0.5233	0.7232	0.9133	1.0252	1.2093	1.3313	1.4322	1.5313	1.6138	
x_1	0.8961	1.0000								
$\eta /(\text{mPa s})$	1.7202	1.8641								
$T/K = 308.15$										91A3
x_1	0.0000	0.1015	0.2037	0.2820	0.3996	0.5029	0.6032	0.7047	0.7926	
$\eta /(\text{mPa s})$	0.4891	0.6738	0.8454	0.9491	1.1222	1.2370	1.3368	1.4197	1.5042	
x_1	0.8961	1.0000								
$\eta /(\text{mPa s})$	1.6064	1.7478								
$T/K = 313.15$										91A3
x_1	0.0000	0.1015	0.2037	0.2820	0.3996	0.5029	0.6032	0.7047	0.7926	
$\eta /(\text{mPa s})$	0.4576	0.6214	0.7879	0.8826	1.0400	1.1434	1.2428	1.3294	1.4052	
x_1	0.8961	1.0000								
$\eta /(\text{mPa s})$	1.5089	1.6410								
$T/K = 318.15$										88M1
x_1	0.0000	0.1630	0.3122	0.4563	0.7234	0.8987	1.0000			
$\eta /(\text{mPa s})$	0.43453	0.69347	0.88443	1.0434	1.2605	1.3833	1.4764			
376	CHBr₃ (1)	C₂H₂Cl₄ (2)	tribromomethane 1,1,2,2-tetrachloro-ethane							75-25-2 79-34-5
$T/K = 298.15$										91J3
x_1	0.0000	0.1032	0.2065	0.3046	0.4040	0.5076	0.6015	0.7041	0.8046	
$\eta /(\text{mPa s})$	1.5956	1.6431	1.6589	1.6860	1.7174	1.7520	1.7903	1.8288	1.8754	
x_1	0.8993	1.0000								
$\eta /(\text{mPa s})$	1.9209	1.9189								
$T/K = 303.15$										91J3
x_1	0.0000	0.1032	0.2065	0.3046	0.4040	0.5076	0.6015	0.7041	0.8046	
$\eta /(\text{mPa s})$	1.4704	1.5169	1.5374	1.5643	1.5944	1.6307	1.6657	1.7101	1.7561	
x_1	0.8993	1.0000								
$\eta /(\text{mPa s})$	1.8076	1.8039								
$T/K = 308.15$										91J3
x_1	0.0000	0.1032	0.2065	0.3046	0.4040	0.5076	0.6015	0.7041	0.8046	

η /(mPa s)	1.3590	1.4064	1.4258	1.4566	1.4859	1.5208	1.5573	1.5987	1.6438
x_1	0.8993	1.0000							
η /(mPa s)	1.6962	1.6950							
T /K = 313.15									91J3
x_1	0.0000	0.1032	0.2065	0.3046	0.4040	0.5076	0.6015	0.7041	0.8046
η /(mPa s)	1.2565	1.3014	1.3238	1.3509	1.3822	1.4207	1.4557	1.5003	1.5407
x_1	0.8993	1.0000							
η /(mPa s)	1.5902	1.5899							
377	CHBr₃ (1) C₂H₃N (2)		tribromomethane acetonitrile						75-25-2 75-05-8
T /K = 298.15									89A4
x_1	0.0000	0.2024	0.3701	0.5215	0.7725	0.9207	1.0000		
η /(mPa s)	0.3811	0.6369	0.8903	1.1584	1.5958	1.8079	1.9036		
T /K = 308.15									89A4
x_1	0.0000	0.2024	0.3701	0.5215	0.7725	0.9207	1.0000		
η /(mPa s)	0.3456	0.6267	0.7950	1.0171	1.3835	1.5676	1.6417		
T /K = 318.15									89A4
x_1	0.0000	0.2024	0.3701	0.5215	0.7725	0.9207	1.0000		
η /(mPa s)	0.3179	0.5219	0.7177	0.9153	1.2216	1.3903	1.4733		
378	CHBr₃ (1) C₂H₄Cl₂ (2)		tribromomethane 1,2-dichloro-ethane						75-25-2 107-06-2
T /K = 298.15									91J3
x_1	0.0000	0.0896	0.2018	0.3036	0.3992	0.5082	0.5997	0.7019	0.8042
η /(mPa s)	0.7833	0.8856	0.9806	1.0753	1.1691	1.2961	1.4033	1.5320	1.6835
x_1	0.8999	1.0000							
η /(mPa s)	1.8083	1.9189							
T /K = 303.15									91J3
x_1	0.0000	0.0896	0.2018	0.3036	0.3992	0.5082	0.5997	0.7019	0.8042
η /(mPa s)	0.7400	0.8376	0.9205	1.0158	1.1026	1.2203	1.3180	1.4443	1.5790
x_1	0.8999	1.0000							
η /(mPa s)	1.6991	1.8039							
T /K = 308.15									91J3
x_1	0.0000	0.0896	0.2018	0.3036	0.3992	0.5082	0.5997	0.7019	0.8042
η /(mPa s)	0.6929	0.7869	0.8657	0.9540	1.0357	1.1479	1.2362	1.3521	1.4864
x_1	0.8999	1.0000							
η /(mPa s)	1.5985	1.6950							
T /K = 313.15									91J3

x_1	0.0000	0.0896	0.2018	0.3036	0.3992	0.5082	0.5997	0.7019	0.8042
η /(mPa s)	0.6523	0.7413	0.8094	0.8963	0.9733	1.0783	1.1670	1.2727	1.3965
x_1	0.8999	1.0000							
η /(mPa s)	1.5020	1.5899							

379 **CHBr₃ (1)** **tribromomethane** **75-25-2**
C₂H₅ClO (2) **2-chloro-ethanol** **107-07-3**

$T/K = 298.15$ 93A5

x_1	0.000	0.099	0.198	0.301	0.396	0.498	0.595	0.702	0.801
η /(mPa s)	2.973	2.878	2.817	2.587	2.446	2.300	2.179	2.067	1.970

x_1	0.896	1.000							
η /(mPa s)	1.915	1.912							

$T/K = 303.15$ 93A5

x_1	0.000	0.099	0.198	0.301	0.396	0.498	0.595	0.702	0.801
η /(mPa s)	2.611	2.532	2.487	2.297	2.191	2.080	1.982	1.890	1.825

x_1	0.896	1.000							
η /(mPa s)	1.779	1.790							

$T/K = 308.15$ 93A5

x_1	0.000	0.099	0.198	0.301	0.396	0.498	0.595	0.702	0.801
η /(mPa s)	2.262	2.237	2.210	2.055	1.974	1.884	1.814	1.746	1.694

x_1	0.896	1.000							
η /(mPa s)	1.666	1.684							

380 **CHBr₃ (1)** **tribromomethane** **75-25-2**
C₂H₆O (2) **ethanol** **64-17-5**

$T/K = 298.15$ 91A3

x_1	0.0000	0.1017	0.2007	0.2985	0.3966	0.5006	0.5984	0.7008	0.8019
η /(mPa s)	1.0965	1.2469	1.3657	1.4143	1.4713	1.5389	1.5986	1.6574	1.7302

x_1	0.8951	1.0000							
η /(mPa s)	1.8216	1.9860							

$T/K = 303.15$ 91A3

x_1	0.0000	0.1017	0.2007	0.2985	0.3966	0.5006	0.5984	0.7008	0.8019
η /(mPa s)	0.9985	1.1319	1.2151	1.2937	1.3501	1.4156	1.4734	1.5410	1.6141

x_1	0.8951	1.0000							
η /(mPa s)	1.7052	1.8641							

$T/K = 308.15$ 91A3

x_1	0.0000	0.1017	0.2007	0.2985	0.3966	0.5006	0.5984	0.7008	0.8019
η /(mPa s)	0.9069	1.0261	1.0905	1.1843	1.2348	1.3029	1.3689	1.4320	1.5083

x_1	0.8951	1.0000							
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η /(mPa s)	1.6020	1.7478							
T /K = 313.15									91A3
x_1	0.0000	0.1017	0.2007	0.2985	0.3966	0.5006	0.5984	0.7008	0.8019
η /(mPa s)	0.8248	0.9309	0.9992	1.0839	1.1339	1.2031	1.2636	1.3321	1.4067
x_1	0.8951	1.0000							
η /(mPa s)	1.5019	1.6410							

381 **CHBr₃ (1)** **tribromomethane** **75-25-2**
C₂H₆OS (2) **dimethyl sulfoxide** **67-68-5**

T /K = 318.15									88M1
x_1	0.0000	0.1216	0.2541	0.4430	0.5441	0.5955	0.8193	1.0000	
η /(mPa s)	1.3658	1.5680	1.7874	1.9784	1.9820	1.9825	1.7161	1.4764	
T /K = 298.15									87A3
x_1	0.0000	0.0899	0.1708	0.3448	0.4446	0.5453	0.6466	0.7553	0.8619
η /(mPa s)	2.024	2.155	2.427	2.816	2.945	2.944	2.762	2.544	2.192
x_1	1.0000								
η /(mPa s)	1.873								

382 **CHBr₃ (1)** **tribromomethane** **75-25-2**
C₃H₆O₂ (2) **acetic acid methyl ester** **79-20-9**

T /K = 298.15									91A2
x_1	0.0000	0.0997	0.1981	0.2985	0.4060	0.5052	0.6046	0.7016	0.7984
η /(mPa s)	0.4029	0.4886	0.6333	0.7148	0.8716	1.0395	1.2147	1.4034	1.5995
x_1	0.8900	1.0000							
η /(mPa s)	1.7834	1.9578							
T /K = 303.15									91A2
x_1	0.0000	0.0997	0.1981	0.2985	0.4060	0.5052	0.6046	0.7016	0.7984
η /(mPa s)	0.3863	0.4671	0.5871	0.6791	0.8247	0.9763	1.1406	1.2974	1.4998
x_1	0.8900	1.0000							
η /(mPa s)	1.6707	1.8427							
T /K = 308.15									91A2
x_1	0.0000	0.0997	0.1981	0.2985	0.4060	0.5052	0.6046	0.7016	0.7984
η /(mPa s)	0.3695	0.4465	0.5511	0.6431	0.7797	0.9244	1.0704	1.2067	1.4053
x_1	0.8900	1.0000							
η /(mPa s)	1.5700	1.7294							
T /K = 313.15									91A2
x_1	0.0000	0.0997	0.1981	0.2985	0.4060	0.5052	0.6046	0.7016	0.7984
η /(mPa s)	0.3524	0.4263	0.6110	0.6007	0.7368	0.8701	1.0090	1.1411	1.3166

x_1	0.8900	1.0000
η /(mPa s)	1.4711	1.6266

383	CHBr₃ (1)	tribromomethane	75-25-2
	C₃H₇NO (2)	N,N-dimethyl-formamide	68-12-2

$T/K = 298.15$									91A2
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x_1	0.0000	0.1458	0.1971	0.2942	0.3961	0.4982	0.5972	0.6959	0.7985
η /(mPa s)	0.8108	1.0484	1.2371	1.4859	1.7033	1.9557	2.1015	2.1224	2.1466

x_1	0.8992	1.0000
η /(mPa s)	2.0736	1.9578

$T/K = 303.15$									91A2
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x_1	0.0000	0.1458	0.1971	0.2942	0.3961	0.4982	0.5972	0.6959	0.7985
η /(mPa s)	0.7646	0.9843	1.1619	1.3714	1.5672	1.7925	1.9288	1.9533	1.9861

x_1	0.8992	1.0000
η /(mPa s)	1.9335	1.8427

$T/K = 308.15$									91A2
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x_1	0.0000	0.1458	0.1971	0.2942	0.3961	0.4982	0.5972	0.6959	0.7985
η /(mPa s)	0.7195	0.9091	1.0657	1.2670	1.4426	1.6434	1.7647	1.8009	1.8395

x_1	0.8992	1.0000
η /(mPa s)	1.7966	1.7294

$T/K = 313.15$									91A2
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x_1	0.0000	0.1458	0.1971	0.2942	0.3961	0.4982	0.5972	0.6959	0.7985
η /(mPa s)	0.6755	0.8479	1.0003	1.1726	1.3287	1.5132	1.6224	1.6604	1.7051

x_1	0.8992	1.0000
η /(mPa s)	1.6793	1.6266

$T/K = 318.15$									88M1
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x_1	0.0000	0.1317	0.2705	0.4636	0.6142	0.7204	0.8296	1.0000	
η /(mPa s)	0.63484	0.8190	1.0464	1.3132	1.4711	1.5180	1.5186	1.4764	

$T/K = 298.15$									87A3
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x_1	0.0000	0.1418	0.2704	0.4630	0.6145	0.7144	0.8180	1.0000	
η /(mPa s)	0.805	1.075	1.355	1.794	2.007	2.037	2.016	1.873	

384	CHBr₃ (1)	tribromomethane	75-25-2
	C₃H₈O (2)	propan-1-ol	71-23-8

$T/K = 298.15$									91A2
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x_1	0.0000	0.0998	0.1979	0.2998	0.4005	0.5000	0.5953	0.6900	0.7999
η /(mPa s)	1.9693	1.9643	1.9325	1.8787	1.8134	1.7825	1.7672	1.7677	1.7863

x_1	0.9007	1.0000
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η /(mPa s)	1.8532	1.9578							
$T/K = 303.15$									91A2
x_1	0.0000	0.0998	0.1979	0.2998	0.4005	0.5000	0.5953	0.6900	0.7999
η /(mPa s)	1.7460	1.7367	1.7161	1.6809	1.6471	1.6234	1.6217	1.6319	1.6744
x_1	0.9007	1.0000							
η /(mPa s)	1.7335	1.8427							
$T/K = 308.15$									91A2
x_1	0.0000	0.0998	0.1979	0.2998	0.4005	0.5000	0.5953	0.6900	0.7999
η /(mPa s)	1.5452	1.5432	1.5277	1.5064	1.4807	1.4808	1.4899	1.5049	1.5587
x_1	0.9007	1.0000							
η /(mPa s)	1.6180	1.7294							
$T/K = 313.15$									91A2
x_1	0.0000	0.0998	0.1979	0.2998	0.4005	0.5000	0.5953	0.6900	0.7999
η /(mPa s)	1.3651	1.3632	1.3629	1.3544	1.3393	1.3519	1.3793	1.3929	1.4479
x_1	0.9007	1.0000							
η /(mPa s)	1.5145	1.6266							
385	CHBr₃ (1)		tribromomethane						75-25-2
	C₃H₈O (2)		propan-2-ol						67-63-0
$T/K = 298.15$									91A3
x_1	0.0000	0.1085	0.2053	0.2984	0.4089	0.5047	0.6054	0.7063	0.8006
η /(mPa s)	2.0377	1.8872	1.7552	1.6788	1.6474	1.6359	1.6595	1.6967	1.7505
x_1	0.8940	1.0000							
η /(mPa s)	1.8277	1.9860							
$T/K = 303.15$									91A3
x_1	0.0000	0.1085	0.2053	0.2984	0.4089	0.5047	0.6054	0.7063	0.8006
η /(mPa s)	1.7618	1.6621	1.5454	1.5059	1.4952	1.4887	1.5279	1.5706	1.6311
x_1	0.8940	1.0000							
η /(mPa s)	1.7129	1.8641							
$T/K = 308.15$									91A3
x_1	0.0000	0.1085	0.2053	0.2984	0.4089	0.5047	0.6054	0.7063	0.8006
η /(mPa s)	1.5193	1.4508	1.3681	1.3436	1.3501	1.3589	1.3975	1.4540	1.5188
x_1	0.8940	1.0000							
η /(mPa s)	1.5991	1.7478							
$T/K = 313.15$									91A3
x_1	0.0000	0.1085	0.2053	0.2984	0.4089	0.5047	0.6054	0.7063	0.8006
η /(mPa s)	1.3112	1.2635	1.2065	1.2016	1.2161	1.2397	1.2899	1.3460	1.4153
x_1	0.8940	1.0000							
η /(mPa s)	1.4984	1.6410							

386	CHBr₃ (1)	C₃H₈O₂ (2)	tribromomethane 2-methoxy-ethanol							75-25-2 109-86-4
<i>T/K</i> = 298.15										
<i>x</i> ₁	0.000	0.097	0.198	0.297	0.401	0.499	0.600	0.697	0.798	
<i>η</i> /(mPa s)	1.695	1.922	2.097	2.220	2.270	2.245	2.183	2.094	2.003	
<i>x</i> ₁	0.900	1.000								
<i>η</i> /(mPa s)	1.932	1.912								
<i>T/K</i> = 303.15										
<i>x</i> ₁	0.000	0.097	0.198	0.297	0.401	0.499	0.600	0.697	0.798	
<i>η</i> /(mPa s)	1.525	1.719	1.872	1.984	2.030	2.014	1.972	1.909	1.842	
<i>x</i> ₁	0.900	1.000								
<i>η</i> /(mPa s)	1.784	1.790								
<i>T/K</i> = 308.15										
<i>x</i> ₁	0.000	0.097	0.198	0.297	0.401	0.499	0.600	0.697	0.798	
<i>η</i> /(mPa s)	1.368	1.549	1.680	1.774	1.825	1.817	1.792	1.748	1.702	
<i>x</i> ₁	0.900	1.000								
<i>η</i> /(mPa s)	1.676	1.684								
387										
	CHBr₃ (1)	C₄H₈Cl₂ (2)	tribromomethane 1,4-dichloro-butane							75-25-2 110-56-5
<i>T/K</i> = 298.15										
<i>x</i> ₁	0.0000	0.0978	0.1970	0.2974	0.3963	0.4960	0.5975	0.6963	0.7994	
<i>η</i> /(mPa s)	1.3192	1.3824	1.4550	1.5376	1.6068	1.6769	1.7482	1.8129	1.8681	
<i>x</i> ₁	0.8972	1.0000								
<i>η</i> /(mPa s)	1.9239	1.9578								
<i>T/K</i> = 303.15										
<i>x</i> ₁	0.0000	0.0978	0.1970	0.2974	0.3963	0.4960	0.5975	0.6963	0.7994	
<i>η</i> /(mPa s)	1.2178	1.2777	1.3481	1.4230	1.4886	1.5563	1.6243	1.6864	1.7434	
<i>x</i> ₁	0.8972	1.0000								
<i>η</i> /(mPa s)	1.8031	1.8427								
<i>T/K</i> = 308.15										
<i>x</i> ₁	0.0000	0.0978	0.1970	0.2974	0.3963	0.4960	0.5975	0.6963	0.7994	
<i>η</i> /(mPa s)	1.1284	1.1845	1.2488	1.3197	1.3806	1.4457	1.5073	1.5729	1.6252	
<i>x</i> ₁	0.8972	1.0000								
<i>η</i> /(mPa s)	1.6875	1.7294								
<i>T/K</i> = 313.15										
<i>x</i> ₁	0.0000	0.0978	0.1970	0.2974	0.3963	0.4960	0.5975	0.6963	0.7994	
<i>η</i> /(mPa s)	1.0430	1.0986	1.1580	1.2315	1.2811	1.3403	1.4008	1.4622	1.5202	

x_1	0.8972	1.0000
η /(mPa s)	1.5779	1.6266

388	CHBr₃ (1)	tribromomethane	75-25-2
	C₄H₈O (2)	butan-2-one	78-93-3

$T/K = 318.15$									88M1
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x_1	0.0000	0.1474	0.3005	0.5019	0.6499	0.8502	1.0000
η /(mPa s)	0.34167	0.46777	0.62283	0.85226	1.0378	1.2984	1.4764

$T/K = 298.15$									87A3
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x_1	0.0000	0.1586	0.3052	0.5009	0.6501	0.8432	1.0000
η /(mPa s)	0.475	0.583	0.768	1.07	1.318	1.626	1.873

389	CHBr₃ (1)	tribromomethane	75-25-2
	C₄H₈O (2)	tetrahydro-furan	109-99-9

$T/K = 298.15$									89A4
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x_1	0.0000	0.1373	0.2811	0.4762	0.6272	0.8405	1.0000
η /(mPa s)	0.5050	0.6866	0.9032	1.2141	1.4404	1.7243	1.9036

$T/K = 308.15$									89A4
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x_1	0.0000	0.1373	0.2811	0.4762	0.6272	0.8405	1.0000
η /(mPa s)	0.4479	0.6009	0.7893	1.0506	1.2407	1.4981	1.6514

$T/K = 318.15$									89A4
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x_1	0.0000	0.1373	0.2811	0.4762	0.6272	0.8405	1.0000
η /(mPa s)	0.4102	0.5474	0.7075	0.9392	1.1104	1.3331	1.4733

390	CHBr₃ (1)	tribromomethane	75-25-2
	C₄H₈O₂ (2)	acetic acid ethyl ester	141-78-6

$T/K = 318.15$									88M1
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x_1	0.0000	0.2695	0.5228	0.7671	1.0000
η /(mPa s)	0.38292	0.60053	0.87789	1.1793	1.4764

$T/K = 298.15$									87A3
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x_1	0.0000	0.2713	0.5290	0.7683	1.0000
η /(mPa s)	0.439	0.754	1.141	1.565	1.873

391	CHBr₃ (1)	tribromomethane	75-25-2
	C₄H₁₀O (2)	butan-1-ol	71-36-3

$T/K = 298.15$									93A5
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x_1	0.000	0.099	0.205	0.300	0.401	0.501	0.602	0.699	0.803
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η /(mPa s)	2.442	2.482	2.339	2.196	2.063	1.955	1.887	1.847	1.817
x_1	0.899	1.000							
η /(mPa s)	1.827	1.912							
$T/K = 303.15$									93A5
x_1	0.000	0.099	0.205	0.300	0.401	0.501	0.602	0.699	0.803
η /(mPa s)	2.129	2.183	2.070	1.942	1.841	1.768	1.718	1.695	1.684
x_1	0.899	1.000							
η /(mPa s)	1.709	1.790							
$T/K = 308.15$									93A5
x_1	0.000	0.099	0.205	0.300	0.401	0.501	0.602	0.699	0.803
η /(mPa s)	1.856	1.915	1.828	1.738	1.662	1.607	1.573	1.559	1.564
x_1	0.899	1.000							
η /(mPa s)	1.588	1.684							
$T/K = 298.15$									91A3
x_1	0.0000	0.1007	0.2062	0.3038	0.4021	0.5033	0.6035	0.7012	0.7969
η /(mPa s)	2.5254	2.4106	2.3000	2.1929	2.1083	1.9882	1.9368	1.8854	1.8641
x_1	0.8976	1.0000							
η /(mPa s)	1.8860	1.9860							
$T/K = 303.15$									91A3
x_1	0.0000	0.1007	0.2062	0.3038	0.4021	0.5033	0.6035	0.7012	0.7969
η /(mPa s)	2.1841	2.1006	2.0104	1.9277	1.8771	1.7960	1.7556	1.7315	1.7283
x_1	0.8976	1.0000							
η /(mPa s)	1.7588	1.8641							
$T/K = 308.15$									91A3
x_1	0.0000	0.1007	0.2062	0.3038	0.4021	0.5033	0.6035	0.7012	0.7969
η /(mPa s)	1.9472	1.8937	1.8189	1.7573	1.6820	1.6393	1.5994	1.5931	1.6002
x_1	0.8976	1.0000							
η /(mPa s)	1.6463	1.7478							
$T/K = 313.15$									91A3
x_1	0.0000	0.1007	0.2062	0.3038	0.4021	0.5033	0.6035	0.7012	0.7969
η /(mPa s)	1.7095	1.6731	1.6180	1.5716	1.5292	1.4939	1.4858	1.4859	1.4851
x_1	0.8976	1.0000							
η /(mPa s)	1.5644	1.6410							
392	CHBr₃ (1)		tribromomethane						75-25-2
	C₄H₁₀O (2)		2-methyl-propan-1-ol						78-83-1
$T/K = 298.15$									93A5
x_1	0.000	0.099	0.197	0.300	0.395	0.498	0.597	0.701	0.798
η /(mPa s)	3.256	2.980	2.604	2.336	2.134	2.017	1.905	1.849	1.815

x_1	0.901	1.000							
η /(mPa s)	1.823	1.912							
$T/K = 303.15$									
x_1	0.000	0.099	0.197	0.300	0.395	0.498	0.597	0.701	0.798
η /(mPa s)	2.743	2.544	2.272	2.045	1.901	1.808	1.732	1.693	1.679
x_1	0.901	1.000							
η /(mPa s)	1.699	1.790							
$T/K = 308.15$									
x_1	0.000	0.099	0.197	0.300	0.395	0.498	0.597	0.701	0.798
η /(mPa s)	2.317	2.193	2.011	1.803	1.687	1.633	1.579	1.559	1.558
x_1	0.901	1.000							
η /(mPa s)	1.591	1.684							

393 **CHBr₃ (1)** **tribromomethane** **75-25-2**
C₅H₁₂O (2) **2-methyl-butan-2-ol** **75-85-4**

$T/K = 298.15$									
x_1	0.0000	0.0998	0.2046	0.2977	0.4018	0.4981	0.6009	0.7040	0.8034
η /(mPa s)	3.5500	3.0639	2.5897	2.3346	2.1546	2.0133	1.9221	1.8661	1.8636
x_1	0.8992	1.0000							
η /(mPa s)	1.8770	1.9860							
$T/K = 303.15$									
x_1	0.0000	0.0998	0.2046	0.2977	0.4018	0.4981	0.6009	0.7040	0.8034
η /(mPa s)	2.8716	2.5482	2.2044	2.0272	1.8960	1.7983	1.7373	1.7084	1.7238
x_1	0.8992	1.0000							
η /(mPa s)	1.7541	1.8641							
$T/K = 308.15$									
x_1	0.0000	0.0998	0.2046	0.2977	0.4018	0.4981	0.6009	0.7040	0.8034
η /(mPa s)	2.3547	2.1295	1.8882	1.7634	1.6814	1.6122	1.5820	1.5690	1.5991
x_1	0.8992	1.0000							
η /(mPa s)	1.6365	1.7478							
$T/K = 313.15$									
x_1	0.0000	0.0998	0.2046	0.2977	0.4018	0.4981	0.6009	0.7040	0.8034
η /(mPa s)	1.9484	1.8030	1.6295	1.5428	1.4861	1.4670	1.4413	1.4435	1.4825
x_1	0.8992	1.0000							
η /(mPa s)	1.5279	1.6410							

394 **CHBr₃ (1)** **tribromomethane** **75-25-2**
C₅H₁₂O (2) **3-methyl-butan-1-ol** **123-51-3**

$T/K = 298.15$ 93A5

x_1	0.000	0.099	0.203	0.299	0.422	0.498	0.599	0.702	0.803
η /(mPa s)	3.581	3.419	3.063	2.770	2.415	2.265	2.111	1.957	1.888
x_1	0.900	1.000							
η /(mPa s)	1.873	1.912							
T /K = 303.15									93A5
x_1	0.000	0.099	0.203	0.299	0.422	0.498	0.599	0.702	0.803
η /(mPa s)	3.033	2.937	2.643	2.384	2.145	2.025	1.909	1.795	1.739
x_1	0.900	1.000							
η /(mPa s)	1.737	1.790							
T /K = 308.15									93A5
x_1	0.000	0.099	0.203	0.299	0.422	0.498	0.599	0.702	0.803
η /(mPa s)	2.590	2.527	2.306	2.111	1.905	1.815	1.729	1.647	1.610
x_1	0.900	1.000							
η /(mPa s)	1.605	1.684							
395	CHBr₃ (1) C₅H₁₂O (2)		tribromomethane pentan-1-ol						75-25-2 71-41-0
T /K = 298.15									93A5
x_1	0.000	0.097	0.200	0.296	0.400	0.499	0.600	0.701	0.800
η /(mPa s)	3.302	3.255	3.006	2.729	2.477	2.275	2.114	1.997	1.910
x_1	0.900	1.000							
η /(mPa s)	1.873	1.912							
T /K = 303.15									93A5
x_1	0.000	0.097	0.200	0.296	0.400	0.499	0.600	0.701	0.800
η /(mPa s)	2.841	2.831	2.621	2.399	2.200	2.039	1.928	1.822	1.762
x_1	0.900	1.000							
η /(mPa s)	1.742	1.790							
T /K = 308.15									93A5
x_1	0.000	0.097	0.200	0.296	0.400	0.499	0.600	0.701	0.800
η /(mPa s)	2.449	2.452	2.296	2.113	1.954	1.829	1.741	1.670	1.631
x_1	0.900	1.000							
η /(mPa s)	1.628	1.684							
396	CHBr₃ (1) C₆H₅Br (2)		tribromomethane bromobenzene						75-25-2 108-86-1
T /°C = 30.0									92A3
x_2	0.0000	0.1034	0.2216	0.3038	0.4037	0.4977	0.5991	0.6991	0.7989
η /(mPa s)	1.823	1.779	1.689	1.604	1.514	1.430	1.343	1.256	1.178
x_2	0.8995	1.0000							

η /(mPa s)	1.103	1.003							
$T/^\circ\text{C} = 35.0$									92A3
x_2	0.0000	0.1034	0.2216	0.3038	0.4037	0.4977	0.5991	0.6991	0.7989
η /(mPa s)	1.711	1.668	1.581	1.503	1.419	1.343	1.258	1.180	1.106
x_2	0.8995	1.0000							
η /(mPa s)	1.036	0.942							
$T/^\circ\text{C} = 40.0$									92A3
x_2	0.0000	0.1034	0.2216	0.3038	0.4037	0.4977	0.5991	0.6991	0.7989
η /(mPa s)	1.606	1.564	1.483	1.408	1.329	1.256	1.178	1.105	1.030
x_2	0.8995	1.0000							
η /(mPa s)	0.971	0.885							
$T/\text{K} = 318.15$									88M1
x_1	0.0000	0.1693	0.3354	0.5411	0.6863	0.8710	1.0000		
η /(mPa s)	0.85355	0.95044	1.0511	1.1768	1.2717	1.3958	1.4764		
$T/\text{K} = 298.15$									87A3
x_1	0.0000	0.1837	0.3369	0.5417	0.6869	0.8606	1.0000		
η /(mPa s)	1.081	1.207	1.333	1.510	1.627	1.769	1.873		
397	CHBr₃ (1) C₆H₅Cl (2)	tribromomethane chlorobenzene							75-25-2 108-90-7
$T/^\circ\text{C} = 30.0$									92A3
x_2	0.0000	0.1037	0.2041	0.3039	0.4095	0.5044	0.6068	0.6969	0.8047
η /(mPa s)	1.823	1.711	1.570	1.439	1.306	1.197	1.082	0.992	0.892
x_2	0.8963	1.0000							
η /(mPa s)	0.816	0.723							
$T/^\circ\text{C} = 35.0$									92A3
x_2	0.0000	0.1037	0.2041	0.3039	0.4095	0.5044	0.6068	0.6969	0.8047
η /(mPa s)	1.711	1.603	1.473	1.351	1.227	1.123	1.018	0.934	0.842
x_2	0.8963	1.0000							
η /(mPa s)	0.768	0.683							
$T/^\circ\text{C} = 40.0$									92A3
x_2	0.0000	0.1037	0.2041	0.3039	0.4095	0.5044	0.6068	0.6969	0.8047
η /(mPa s)	1.606	1.506	1.382	1.268	1.151	1.062	0.956	0.879	0.792
x_2	0.8963	1.0000							
η /(mPa s)	0.724	0.634							
398	CHBr₃ (1) C₆H₅F (2)	tribromomethane fluorobenzene							75-25-2 462-06-6

$T/K = 298.15$										91A1
x_2	0.0000	0.0974	0.1970	0.3007	0.3985	0.5027	0.5998	0.7022	0.7980	
$\eta /(\text{mPa s})$	1.9504	1.7586	1.5768	1.4041	1.2492	1.1010	0.9760	0.8551	0.7537	
x_2	1.0000									
$\eta /(\text{mPa s})$	0.5821									
$T/K = 303.15$										91A1
x_2	0.0000	0.0974	0.1970	0.3007	0.3985	0.5027	0.5998	0.7022	0.7980	
$\eta /(\text{mPa s})$	1.8377	1.6551	1.4780	1.3190	1.1757	1.0372	0.9218	0.8091	0.7138	
x_2	1.0000									
$\eta /(\text{mPa s})$	0.5501									
$T/K = 308.15$										91A1
x_2	0.0000	0.0974	0.1970	0.3007	0.3985	0.5027	0.5998	0.7022	0.7980	
$\eta /(\text{mPa s})$	1.7214	1.5524	1.3943	1.2466	1.1057	0.9781	0.8686	0.7606	0.6745	
x_2	1.0000									
$\eta /(\text{mPa s})$	0.5193									
$T/K = 313.15$										91A1
x_2	0.0000	0.0974	0.1970	0.3007	0.3985	0.5027	0.5998	0.7022	0.7980	
$\eta /(\text{mPa s})$	1.6205	1.4623	1.3062	1.1656	1.0383	0.9205	0.8184	0.7193	0.6378	
x_2	1.0000									
$\eta /(\text{mPa s})$	0.4910									
399	CHBr₃ (1)		tribromomethane							75-25-2
	C₆H₅NO₂ (2)		nitrobenzene							98-95-3
$T/K = 298.15$										89A4
x_1	0.0000	0.1652	0.3287	0.5329	0.6787	0.8680	1.0000			
$\eta /(\text{mPa s})$	1.7882	1.8442	1.9000	1.9572	1.9801	1.9574	1.9036			
$T/K = 308.15$										89A4
x_1	0.0000	0.1652	0.3287	0.5329	0.6787	0.8680	1.0000			
$\eta /(\text{mPa s})$	1.4775	1.5480	1.5861	1.6485	1.6717	1.6839	1.6417			
$T/K = 318.15$										89A4
x_1	0.0000	0.1652	0.3287	0.5329	0.6787	0.8680	1.0000			
$\eta /(\text{mPa s})$	1.2767	1.3313	1.3858	1.4425	1.4850	1.4866	1.4794			
400	CHBr₃ (1)		tribromomethane							75-25-2
	C₆H₆ (2)		benzene							71-43-2
$T/K = 298.15$										89A4
x_1	0.0000	0.1486	0.2995	0.4997	0.6491	0.8502	1.0000			
$\eta /(\text{mPa s})$	0.6097	0.7575	0.9308	1.1764	1.3829	1.6536	1.8991			
$T/K = 308.15$										89A4

x_1	0.0000	0.1486	0.2995	0.4997	0.6491	0.8502	1.0000		
η /(mPa s)	0.5386	0.6643	0.8095	1.0331	1.2017	1.4580	1.6514		
$T/K = 318.15$									89A4
x_1	0.0000	0.1486	0.2995	0.4997	0.6491	0.8502	1.0000		
η /(mPa s)	0.4765	0.5881	0.7170	0.9141	1.0731	1.3023	1.4764		
401	CHBr₃ (1)		tribromomethane						75-25-2
	C₆H₆ClN (2)		2-chloro-aniline						95-51-2
$T/K = 298.15$									91A2
x_1	0.0000	0.1006	0.1969	0.3023	0.3984	0.5023	0.5997	0.6951	0.8013
η /(mPa s)	2.9737	2.9484	2.9012	2.7838	2.6987	2.5848	2.4529	2.3417	2.2079
x_1	0.8983	1.0000							
η /(mPa s)	2.0961	1.9578							
$T/K = 303.15$									91A2
x_1	0.0000	0.1006	0.1969	0.3023	0.3984	0.5023	0.5997	0.6951	0.8013
η /(mPa s)	2.7187	2.6928	2.6155	2.5094	2.4250	2.3257	2.2443	2.1502	2.0450
x_1	0.8983	1.0000							
η /(mPa s)	1.9549	1.8427							
$T/K = 308.15$									91A2
x_1	0.0000	0.1006	0.1969	0.3023	0.3984	0.5023	0.5997	0.6951	0.8013
η /(mPa s)	2.4135	2.3784	2.3296	2.2665	2.1972	2.1223	2.0648	1.9805	1.8956
x_1	0.8983	1.0000							
η /(mPa s)	1.8202	1.7294							
$T/K = 313.15$									91A2
x_1	0.0000	0.1006	0.1969	0.3023	0.3984	0.5023	0.5997	0.6951	0.8013
η /(mPa s)	2.1568	2.1276	2.1024	2.0620	1.9954	1.9598	1.8958	1.8306	1.7639
x_1	0.8983	1.0000							
η /(mPa s)	1.6970	1.6266							
402	CHBr₃ (1)		tribromomethane						75-25-2
	C₆H₁₂ (2)		cyclohexane						110-82-7
$T/K = 318.15$									88M1
x_1	0.0000	0.1748	0.3427	0.5476	0.6911	0.8747	1.0000		
η /(mPa s)	0.63377	0.72362	0.82005	0.97694	1.1127	1.3090	1.4764		
$T/K = 298.15$									87A3
x_1	0.0000	0.1851	0.3428	0.5486	0.6899	0.8718	1.0000		
η /(mPa s)	0.883	0.959	1.071	1.258	1.409	1.670	1.873		

403	CHBr₃ (1)	C₆H₁₄ (2)	tribromomethane hexane							75-25-2 110-54-3
<i>T</i> /K = 298.15										91A4
<i>x</i> ₁	0.0000	0.1038	0.2033	0.3026	0.4026	0.5043	0.6024	0.7039	0.7997	
<i>η</i> /(mPa s)	0.3006	0.3488	0.4058	0.4760	0.5627	0.6757	0.8087	0.9885	1.2030	
<i>x</i> ₁	0.9018	1.0000								
<i>η</i> /(mPa s)	1.5076	1.9092								
<i>T</i> /K = 303.15										91A4
<i>x</i> ₁	0.0000	0.1038	0.2033	0.3026	0.4026	0.5043	0.6024	0.7039	0.7997	
<i>η</i> /(mPa s)	0.2867	0.3329	0.3877	0.4542	0.5366	0.6422	0.7673	0.9334	1.1351	
<i>x</i> ₁	0.9018	1.0000								
<i>η</i> /(mPa s)	1.4187	1.7874								
<i>T</i> /K = 308.15										91A4
<i>x</i> ₁	0.0000	0.1038	0.2033	0.3026	0.4026	0.5043	0.6024	0.7039	0.7997	
<i>η</i> /(mPa s)	0.2745	0.3185	0.3712	0.4351	0.5145	0.6256	0.7306	0.8866	1.0771	
<i>x</i> ₁	0.9018	1.0000								
<i>η</i> /(mPa s)	1.3424	1.6801								
404	CHBr₃ (1)	C₆H₁₄O (2)	tribromomethane hexan-1-ol							75-25-2 111-27-3
<i>T</i> /K = 298.15										93A5
<i>x</i> ₁	0.000	0.097	0.199	0.298	0.403	0.497	0.601	0.701	0.798	
<i>η</i> /(mPa s)	4.342	4.186	3.770	3.340	2.965	2.667	2.400	2.192	2.031	
<i>x</i> ₁	0.900	1.000								
<i>η</i> /(mPa s)	1.922	1.912								
<i>T</i> /K = 303.15										93A5
<i>x</i> ₁	0.000	0.097	0.199	0.298	0.403	0.497	0.601	0.701	0.798	
<i>η</i> /(mPa s)	3.690	3.573	3.237	2.907	2.611	2.370	2.156	1.988	1.866	
<i>x</i> ₁	0.900	1.000								
<i>η</i> /(mPa s)	1.784	1.790								
<i>T</i> /K = 308.15										93A5
<i>x</i> ₁	0.000	0.097	0.199	0.298	0.403	0.497	0.601	0.701	0.798	
<i>η</i> /(mPa s)	3.139	3.092	2.811	2.537	2.301	2.114	1.943	1.815	1.719	
<i>x</i> ₁	0.900	1.000								
<i>η</i> /(mPa s)	1.663	1.684								
405	CHBr₃ (1)	C₇H₈ (2)	tribromomethane toluene							75-25-2 108-88-3
<i>T</i> /K = 298.15										91A2

x_1	0.0000	0.1032	0.1993	0.2989	0.3999	0.4985	0.5956	0.6977	0.7959	
η /(mPa s)	0.5701	0.6593	0.7557	0.8686	0.9945	1.1358	1.2870	1.4493	1.6218	
x_1	0.8985	1.0000								
η /(mPa s)	1.8010	1.9806								
$T/K = 303.15$									91A2	
x_1	0.0000	0.1032	0.1993	0.2989	0.3999	0.4985	0.5956	0.6977	0.7959	
η /(mPa s)	0.5409	0.6236	0.7133	0.8170	0.9360	1.0679	1.2069	1.3585	1.5190	
x_1	0.8985	1.0000								
η /(mPa s)	1.6884	1.8609								
$T/K = 308.15$									91A2	
x_1	0.0000	0.1032	0.1993	0.2989	0.3999	0.4985	0.5956	0.6977	0.7959	
η /(mPa s)	0.4989	0.5877	0.6722	0.7692	0.8765	1.0011	1.1305	1.2730	1.4265	
x_1	0.8985	1.0000								
η /(mPa s)	1.5827	1.7459								
$T/K = 313.15$									91A2	
x_1	0.0000	0.1032	0.1993	0.2989	0.3999	0.4985	0.5956	0.6977	0.7959	
η /(mPa s)	0.4601	0.5544	0.6324	0.7238	0.8262	0.9390	1.0606	1.1936	1.3348	
x_1	0.8985	1.0000								
η /(mPa s)	1.4833	1.6266								
$T/K = 298.15$									89A4	
x_1	0.0000	0.1715	0.3415	0.5432	0.6859	0.8720	1.0000			
η /(mPa s)	0.5706	0.7415	0.9330	1.1861	1.4027	1.7266	1.8991			
$T/K = 308.15$									89A4	
x_1	0.0000	0.1715	0.3415	0.5432	0.6859	0.8720	1.0000			
η /(mPa s)	0.5063	0.6441	0.7992	1.0276	1.2123	1.4657	1.6514			
$T/K = 318.15$									89A4	
x_1	0.0000	0.1715	0.3415	0.5432	0.6859	0.8720	1.0000			
η /(mPa s)	0.4575	0.5802	0.7176	0.9158	1.0853	1.3114	1.4733			
406	CHBr₃ (1)	C₇H₈O (2)	tribromomethane methoxybenzene						75-25-2	100-66-3
$T/K = 298.15$									91J3	
x_1	0.0000	0.1020	0.1937	0.2738	0.3984	0.4714	0.5974	0.6776	0.7982	
η /(mPa s)	0.9785	1.1051	1.1913	1.2911	1.4117	1.4873	1.6267	1.7034	1.8178	
x_1	0.8927	1.0000								
η /(mPa s)	1.9029	1.9189								
$T/K = 303.15$									91J3	
x_1	0.0000	0.1020	0.1937	0.2738	0.3984	0.4714	0.5974	0.6776	0.7982	
η /(mPa s)	0.9070	1.0298	1.1021	1.1877	1.3115	1.3773	1.5063	1.5899	1.7011	

x_1	0.8927	1.0000							
η /(mPa s)	1.7803	1.8039							
$T/K = 308.15$									
x_1	0.0000	0.1020	0.1937	0.2738	0.3984	0.4714	0.5974	0.6776	0.7982
η /(mPa s)	0.8422	0.9507	1.0209	1.1012	1.2119	1.2763	1.3993	1.4715	1.5827
x_1	0.8927	1.0000							
η /(mPa s)	1.6661	1.6950							
$T/K = 313.15$									
x_1	0.0000	0.1020	0.1937	0.2738	0.3984	0.4714	0.5974	0.6776	0.7982
η /(mPa s)	0.7814	0.8812	0.9491	1.0197	1.1284	1.1859	1.3012	1.3719	1.4752
x_1	0.8927	1.0000							
η /(mPa s)	1.5608	1.5899							

407 **CHBr₃ (1)** **tribromomethane** **75-25-2**
C₇H₁₆ (2) **heptane** **142-82-5**

$T/K = 298.15$									
x_1	0.0000	0.1093	0.2079	0.3011	0.3958	0.4956	0.5993	0.6968	0.7960
η /(mPa s)	0.3907	0.4471	0.4967	0.5607	0.6393	0.7425	0.8773	1.0370	1.2442
x_1	0.8990	1.0000							
η /(mPa s)	1.5279	1.9092							
$T/K = 303.15$									
x_1	0.0000	0.1093	0.2079	0.3011	0.3958	0.4956	0.5993	0.6968	0.7960
η /(mPa s)	0.3704	0.4180	0.4712	0.5327	0.6065	0.7031	0.8292	0.9786	1.1720
x_1	0.8990	1.0000							
η /(mPa s)	1.4343	1.7874							
$T/K = 308.15$									
x_1	0.0000	0.1093	0.2079	0.3011	0.3958	0.4956	0.5993	0.6968	0.7960
η /(mPa s)	0.3528	0.3980	0.4486	0.5089	0.5772	0.6682	0.7865	0.9281	1.1075
x_1	0.8990	1.0000							
η /(mPa s)	1.3540	1.6801							

408 **CHBr₃ (1)** **tribromomethane** **75-25-2**
C₇H₁₆O (2) **heptan-1-ol** **111-70-6**

$T/K = 298.15$									
x_1	0.000	0.102	0.204	0.301	0.405	0.503	0.597	0.699	0.801
η /(mPa s)	5.758	5.359	4.647	4.131	3.544	3.133	2.755	2.440	2.170
x_1	0.901	1.000							
η /(mPa s)	1.982	1.912							
$T/K = 303.15$									

x_1	0.000	0.102	0.204	0.301	0.405	0.503	0.597	0.699	0.801
η /(mPa s)	4.814	4.524	3.988	3.547	3.093	2.773	2.457	2.199	1.992
x_1	0.901	1.000							
η /(mPa s)	1.844	1.790							
$T/K = 308.15$									93A5
x_1	0.000	0.102	0.204	0.301	0.405	0.503	0.597	0.699	0.801
η /(mPa s)	4.051	3.863	3.422	3.084	2.712	2.461	2.205	1.990	1.822
x_1	0.901	1.000							
η /(mPa s)	1.713	1.684							
409	CHBr₃ (1) C₈H₈ (2)		tribromomethane vinylbenzene						75-25-2 100-42-5
$T/K = 298.15$									98A5
x_2	0.0000	0.1005	0.2006	0.2981	0.3985	0.5060	0.6032	0.7008	0.7712
η /(mPa s)	1.9767	1.8342	1.6973	1.5615	1.4262	1.2838	1.1635	1.0537	0.9849
x_2	0.8948	1.0000							
η /(mPa s)	0.8704	0.7082							
$T/K = 303.15$									98A5
x_2	0.0000	0.1005	0.2006	0.2981	0.3985	0.5060	0.6032	0.7008	0.7712
η /(mPa s)	1.8566	1.7136	1.5865	1.4616	1.3318	1.1981	1.0839	0.9817	0.9179
x_2	0.8948	1.0000							
η /(mPa s)	0.8129	0.6627							
$T/K = 308.15$									98A5
x_2	0.0000	0.1005	0.2006	0.2981	0.3985	0.5060	0.6032	0.7008	0.7712
η /(mPa s)	1.7333	1.6026	1.4806	1.3607	1.2399	1.1165	1.0104	0.9176	0.8595
x_2	0.8948	1.0000							
η /(mPa s)	0.7620	0.6231							
410	CHBr₃ (1) C₈H₈O (2)		tribromomethane 1-phenyl-ethanone						75-25-2 98-86-2
$T/K = 298.15$									91J3
x_1	0.0000	0.1041	0.2061	0.2974	0.4103	0.5115	0.6084	0.7011	0.8049
η /(mPa s)	1.6439	1.8107	1.9271	2.0312	2.1412	2.2137	2.2364	2.2236	2.1741
x_1	0.9022	1.0000							
η /(mPa s)	2.0863	1.9189							
$T/K = 303.15$									91J3
x_1	0.0000	0.1041	0.2061	0.2974	0.4103	0.5115	0.6084	0.7011	0.8049
η /(mPa s)	1.4972	1.6426	1.7511	1.8615	1.9501	2.0215	2.0505	2.0473	2.0006
x_1	0.9022	1.0000							

η /(mPa s)	1.9463	1.8039							
T /K = 308.15									91J3
x_1	0.0000	0.1041	0.2061	0.2974	0.4103	0.5115	0.6084	0.7011	0.8049
η /(mPa s)	1.3808	1.5001	1.5940	1.6937	1.7786	1.8502	1.8761	1.8834	1.8548
x_1	0.9022	1.0000							
η /(mPa s)	1.8166	1.6950							
T /K = 313.15									91J3
x_1	0.0000	0.1041	0.2061	0.2974	0.4103	0.5115	0.6084	0.7011	0.8049
η /(mPa s)	1.2488	1.3721	1.4577	1.5370	1.6331	1.6942	1.7244	1.7341	1.7202
x_1	0.9022	1.0000							
η /(mPa s)	1.6958	1.5899							

411 **CHBr₃ (1)** **tribromomethane** **75-25-2**
C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

T /K = 298.15									89A4
x_1	0.0000	0.1953	0.3737	0.5814	0.7199	0.8884	1.0000		
η /(mPa s)	0.6146	0.7918	0.9907	1.2401	1.4743	1.7229	1.8991		
T /K = 308.15									89A4
x_1	0.0000	0.1953	0.3737	0.5814	0.7199	0.8884	1.0000		
η /(mPa s)	0.5470	0.6945	0.8590	1.0883	1.2662	1.4920	1.6514		
T /K = 318.15									89A4
x_1	0.0000	0.1953	0.3737	0.5814	0.7199	0.8884	1.0000		
η /(mPa s)	0.4919	0.6247	0.7648	0.9638	1.1213	1.3290	1.4733		

412 **CHBr₃ (1)** **tribromomethane** **75-25-2**
C₈H₁₈ (2) **octane** **111-65-9**

T /K = 298.15									91A4
x_1	0.0000	0.1034	0.2068	0.3010	0.4506	0.5028	0.6003	0.7020	0.8015
η /(mPa s)	0.5074	0.5540	0.6095	0.6707	0.7968	0.8517	0.9714	1.1263	1.3217
x_1	0.9015	1.0000							
η /(mPa s)	1.5374	1.9092							
T /K = 303.15									91A4
x_1	0.0000	0.1034	0.2068	0.3010	0.4506	0.5028	0.6003	0.7020	0.8015
η /(mPa s)	0.4780	0.5219	0.5753	0.6325	0.7510	0.8031	0.9156	1.0607	1.2413
x_1	0.9015	1.0000							
η /(mPa s)	1.4755	1.7874							
T /K = 308.15									91A4
x_1	0.0000	0.1034	0.2068	0.3010	0.4506	0.5028	0.6003	0.7020	0.8015
η /(mPa s)	0.4520	0.4944	0.5442	0.5983	0.7111	0.7592	0.8638	1.0017	1.1702

x_1	0.9015	1.0000
η /(mPa s)	1.3902	1.6801

413	CHBr₃ (1)	tribromomethane	75-25-2
	C₈H₁₈ (2)	2,2,4-trimethyl-pentane	540-84-1

$T/K = 298.15$									91A4
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x_1	0.0000	0.1054	0.2036	0.3022	0.4043	0.5045	0.6048	0.7018	0.8049
η /(mPa s)	0.4740	0.5254	0.5830	0.6555	0.7429	0.8495	0.9860	1.1388	1.3420

x_1	0.8990	1.0000
η /(mPa s)	1.5731	1.9092

$T/K = 303.15$									91A4
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x_1	0.0000	0.1054	0.2036	0.3022	0.4043	0.5045	0.6048	0.7018	0.8049
η /(mPa s)	0.4474	0.4996	0.5510	0.6193	0.7005	0.8015	0.9284	1.0707	1.2597

x_1	0.8990	1.0000
η /(mPa s)	1.4775	1.7874

$T/K = 308.15$									91A4
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x_1	0.0000	0.1054	0.2036	0.3022	0.4043	0.5045	0.6048	0.7018	0.8049
η /(mPa s)	0.4243	0.4706	0.5219	0.5871	0.6641	0.7583	0.8774	1.0113	1.1889

x_1	0.8990	1.0000
η /(mPa s)	1.3939	1.6801

414	CHBr₃ (1)	tribromomethane	75-25-2
	C₈H₁₈O (2)	octan-2-ol	123-96-6

$T/K = 298.15$									93A5
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x_1	0.000	0.104	0.199	0.300	0.403	0.502	0.603	0.704	0.801
η /(mPa s)	5.956	5.244	4.606	3.910	3.391	2.965	2.623	2.337	2.123

x_1	0.899	1.000
η /(mPa s)	1.969	1.912

$T/K = 303.15$									93A5
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x_1	0.000	0.104	0.199	0.300	0.403	0.502	0.603	0.704	0.801
η /(mPa s)	4.803	4.336	3.855	3.348	2.937	2.594	2.335	2.104	1.943

x_1	0.899	1.000
η /(mPa s)	1.830	1.790

$T/K = 308.15$									93A5
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x_1	0.000	0.104	0.199	0.300	0.403	0.502	0.603	0.704	0.801
η /(mPa s)	3.907	3.625	3.274	2.894	2.566	2.288	2.084	1.913	1.785

x_1	0.899	1.000
η /(mPa s)	1.698	1.684

415	CHBr₃ (1)	C₉H₁₀O₂ (2)	tribromomethane benzoic acid ethyl ester							75-25-2 93-89-0
<i>T</i> /K = 298.15										91J3
<i>x</i> ₁	0.0000	0.1057	0.2023	0.2768	0.4047	0.4741	0.5926	0.7030	0.8011	
<i>η</i> /(mPa s)	1.9237	2.0529	2.1281	2.2026	2.2773	2.3036	2.2934	2.2525	2.1854	
<i>x</i> ₁	0.9021	1.0000								
<i>η</i> /(mPa s)	2.0844	1.9189								
<i>T</i> /K = 303.15										91J3
<i>x</i> ₁	0.0000	0.1057	0.2023	0.2768	0.4047	0.4741	0.5926	0.7030	0.8011	
<i>η</i> /(mPa s)	1.7371	1.8528	1.9315	2.0028	2.0806	2.0954	2.0965	2.0693	2.0239	
<i>x</i> ₁	0.9021	1.0000								
<i>η</i> /(mPa s)	1.9401	1.8039								
<i>T</i> /K = 308.15										91J3
<i>x</i> ₁	0.0000	0.1057	0.2023	0.2768	0.4047	0.4741	0.5926	0.7030	0.8011	
<i>η</i> /(mPa s)	1.5738	1.6818	1.7499	1.8099	1.8979	1.9060	1.9176	1.8964	1.8678	
<i>x</i> ₁	0.9021	1.0000								
<i>η</i> /(mPa s)	1.8087	1.6950								
<i>T</i> /K = 313.15										91J3
<i>x</i> ₁	0.0000	0.1057	0.2023	0.2768	0.4047	0.4741	0.5926	0.7030	0.8011	
<i>η</i> /(mPa s)	1.4350	1.5269	1.5878	1.6473	1.7016	1.7397	1.7576	1.7502	1.7330	
<i>x</i> ₁	0.9021	1.0000								
<i>η</i> /(mPa s)	1.6896	1.5899								
416	CHBr₃ (1)	C₉H₁₂ (2)	tribromomethane 1,3,5-trimethyl-benzene							75-25-2 108-67-8
<i>T</i> /°C = 30.0										92A3
<i>x</i> ₂	0.0000	0.1009	0.1999	0.3011	0.3975	0.4986	0.5951	0.6978	0.7953	
<i>η</i> /(mPa s)	1.823	1.701	1.552	1.404	1.269	1.136	1.021	0.911	0.805	
<i>x</i> ₂	0.8997	1.0000								
<i>η</i> /(mPa s)	0.711	0.611								
<i>T</i> /°C = 35.0										92A3
<i>x</i> ₂	0.0000	0.1009	0.1999	0.3011	0.3975	0.4986	0.5951	0.6978	0.7953	
<i>η</i> /(mPa s)	1.711	1.591	1.449	1.309	1.181	1.061	0.952	0.864	0.755	
<i>x</i> ₂	0.8997	1.0000								
<i>η</i> /(mPa s)	0.667	0.576								
<i>T</i> /°C = 40.0										92A3
<i>x</i> ₂	0.0000	0.1009	0.1999	0.3011	0.3975	0.4986	0.5951	0.6978	0.7953	
<i>η</i> /(mPa s)	1.606	1.492	1.354	1.223	1.104	0.989	0.890	0.808	0.707	

x_2	0.8997	1.0000
η /(mPa s)	0.626	0.542

417	CHBr₃ (1)		tribromomethane						75-25-2
	C₉H₂₀ (2)		nonane						111-84-2

$T/K = 298.15$									91A4
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x_1	0.0000	0.1003	0.1964	0.3076	0.4008	0.5069	0.6034	0.6978	0.8011
η /(mPa s)	0.6579	0.6979	0.7446	0.8103	0.8800	0.9761	1.0851	1.2144	1.3941

x_1	0.9019	1.0000
η /(mPa s)	1.6156	1.9092

$T/K = 303.15$									91A4
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x_1	0.0000	0.1003	0.1964	0.3076	0.4008	0.5069	0.6034	0.6978	0.8011
η /(mPa s)	0.6155	0.6538	0.6978	0.7602	0.8255	0.9148	1.0162	1.1391	1.3064

x_1	0.9019	1.0000
η /(mPa s)	1.5137	1.7874

$T/K = 308.15$									91A4
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x_1	0.0000	0.1003	0.1964	0.3076	0.4008	0.5069	0.6034	0.6978	0.8011
η /(mPa s)	0.5781	0.6139	0.6567	0.7154	0.7768	0.8619	0.9588	1.0721	1.2288

x_1	0.9019	1.0000
η /(mPa s)	1.4242	1.6801

418	CHBr₃ (1)		tribromomethane						75-25-2
	C₉H₂₀O (2)		nonan-1-ol						143-08-8

$T/K = 298.15$									93A5
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x_1	0.000	0.105	0.299	0.404	0.504	0.604	0.704	0.802	0.903
η /(mPa s)	8.965	7.847	5.743	5.079	4.228	3.571	2.984	2.492	2.120

x_1	1.000
η /(mPa s)	1.912

$T/K = 303.15$									93A5
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x_1	0.000	0.105	0.299	0.404	0.504	0.604	0.704	0.802	0.903
η /(mPa s)	7.375	6.517	4.870	4.380	3.693	3.151	2.669	2.266	1.963

x_1	1.000
η /(mPa s)	1.790

$T/K = 308.15$									93A5
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x_1	0.000	0.105	0.299	0.404	0.504	0.604	0.704	0.802	0.903
η /(mPa s)	6.144	5.421	4.144	3.777	3.240	2.802	2.399	2.065	1.818

x_1	1.000
η /(mPa s)	1.684

419	CHBr₃ (1)	C₁₀H₁₂ (2)	tribromomethane 1,2,3,4-tetrahydro-naphthalene							75-25-2 119-64-2
<i>T</i> /K = 298.15										91A4
<i>x</i> ₁	0.0000	0.1005	0.2004	0.2961	0.4001	0.4943	0.5966	0.6945	0.7953	
<i>η</i> /(mPa s)	2.0032	2.0914	2.1883	2.2315	2.2518	2.2649	2.2483	2.1896	2.1133	
<i>x</i> ₁	0.8958	1.0000								
<i>η</i> /(mPa s)	2.0186	1.9092								
<i>T</i> /K = 303.15										91A4
<i>x</i> ₁	0.0000	0.1005	0.2004	0.2961	0.4001	0.4943	0.5966	0.6945	0.7953	
<i>η</i> /(mPa s)	1.8143	1.8919	1.9777	2.0257	2.0537	2.0634	2.0509	2.0108	1.9484	
<i>x</i> ₁	0.8958	1.0000								
<i>η</i> /(mPa s)	1.8735	1.7874								
<i>T</i> /K = 308.15										91A4
<i>x</i> ₁	0.0000	0.1005	0.2004	0.2961	0.4001	0.4943	0.5966	0.6945	0.7953	
<i>η</i> /(mPa s)	1.6555	1.7246	1.7948	1.8368	1.8762	1.8836	1.8845	1.8535	1.8092	
<i>x</i> ₁	0.8958	1.0000								
<i>η</i> /(mPa s)	1.7510	1.6801								
420	CHBr₃ (1)	C₁₀H₂₂ (2)	tribromomethane decane							75-25-2 124-18-5
<i>T</i> /K = 298.15										91A4
<i>x</i> ₁	0.0000	0.1090	0.1968	0.2954	0.4005	0.4990	0.5983	0.6953	0.7998	
<i>η</i> /(mPa s)	0.8521	0.8797	0.9166	0.9803	1.0503	1.1094	1.2070	1.3214	1.4748	
<i>x</i> ₁	0.8971	1.0000								
<i>η</i> /(mPa s)	1.6514	1.9092								
<i>T</i> /K = 303.15										91A4
<i>x</i> ₁	0.0000	0.1090	0.1968	0.2954	0.4005	0.4990	0.5983	0.6953	0.7998	
<i>η</i> /(mPa s)	0.7842	0.8184	0.8518	0.9018	0.9784	1.0337	1.1262	1.2351	1.3785	
<i>x</i> ₁	0.8971	1.0000								
<i>η</i> /(mPa s)	1.5450	1.7874								
<i>T</i> /K = 308.15										91A4
<i>x</i> ₁	0.0000	0.1090	0.1968	0.2954	0.4005	0.4990	0.5983	0.6953	0.7998	
<i>η</i> /(mPa s)	0.7301	0.7650	0.7972	0.8442	0.9167	0.9683	1.0560	1.1576	1.2950	
<i>x</i> ₁	0.8971	1.0000								
<i>η</i> /(mPa s)	1.4501	1.6801								
421	CHBr₃ (1)	C₁₂H₂₆ (2)	tribromomethane dodecane							75-25-2 112-40-3
<i>T</i> /K = 298.15										91A4

x_1	0.0000	0.1030	0.2050	0.3040	0.4052	0.4895	0.6051	0.6926	0.8037
η /(mPa s)	1.3460	1.3518	1.3685	1.3882	1.4211	1.4524	1.5244	1.5796	1.6729
x_1	0.8974	1.0000							
η /(mPa s)	1.7678	1.9092							
$T/K = 303.15$									91A4
x_1	0.0000	0.1030	0.2050	0.3040	0.4052	0.4895	0.6051	0.6926	0.8037
η /(mPa s)	1.2328	1.2412	1.2587	1.2804	1.3109	1.3335	1.4171	1.4658	1.5593
x_1	0.8974	1.0000							
η /(mPa s)	1.6488	1.7874							
$T/K = 308.15$									91A4
x_1	0.0000	0.1030	0.2050	0.3040	0.4052	0.4895	0.6051	0.6926	0.8037
η /(mPa s)	1.1339	1.1447	1.1635	1.1851	1.2171	1.2495	1.3161	1.3666	1.4556
x_1	0.8974	1.0000							
η /(mPa s)	1.5457	1.6801							
422	CHBr₃ (1) C₁₄H₃₀ (2)		tribromomethane tetradecane						75-25-2 629-59-4
$T/K = 298.15$									91A4
x_1	0.0000	0.1088	0.2100	0.3039	0.4079	0.4991	0.6077	0.7066	0.8068
η /(mPa s)	2.0353	1.9888	1.9556	1.9249	1.9048	1.8922	1.8912	1.8906	1.9061
x_1	0.9002	1.0000							
η /(mPa s)	1.9113	1.9092							
$T/K = 303.15$									91A4
x_1	0.0000	0.1088	0.2100	0.3039	0.4079	0.4991	0.6077	0.7066	0.8068
η /(mPa s)	1.8292	1.7937	1.7703	1.7481	1.7352	1.7299	1.7324	1.7397	1.7623
x_1	0.9002	1.0000							
η /(mPa s)	1.7761	1.7874							
$T/K = 308.15$									91A4
x_1	0.0000	0.1088	0.2100	0.3039	0.4079	0.4991	0.6077	0.7066	0.8068
η /(mPa s)	1.6546	1.6280	1.6124	1.5982	1.5932	1.5878	1.5982	1.6113	1.6343
x_1	0.9002	1.0000							
η /(mPa s)	1.6613	1.6801							
423	CHBr₃ (1) C₁₆H₃₄ (2)		tribromomethane hexadecane						75-25-2 544-76-3
$T/K = 298.15$									91A4
x_1	0.0000	0.1085	0.2077	0.3019	0.3984	0.4946	0.5987	0.6959	0.7996
η /(mPa s)	3.0041	2.8701	2.7714	2.6422	2.5593	2.4629	2.3701	2.2772	2.1748
x_1	0.8968	1.0000							

η /(mPa s)	2.0589	1.9092							
T /K = 303.15									91A4
x_1	0.0000	0.1085	0.2077	0.3019	0.3984	0.4946	0.5987	0.6959	0.7996
η /(mPa s)	2.6634	2.5561	2.4722	2.3751	2.3098	2.2321	2.1562	2.0787	2.0049
x_1	0.8968	1.0000							
η /(mPa s)	1.9089	1.7874							
T /K = 308.15									91A4
x_1	0.0000	0.1085	0.2077	0.3019	0.3984	0.4946	0.5987	0.6959	0.7996
η /(mPa s)	2.3822	2.2965	2.2305	2.1474	2.0957	2.0332	1.9733	1.9088	1.8512
x_1	0.8968	1.0000							
η /(mPa s)	1.7822	1.6801							

424 **CHClF₂ (1)** **chloro-difluoro-methane** **75-45-6**
C₂H₃ClF₂ (2) **1-chloro-1,1-difluoro-ethane** **75-68-3**

T /°C = -65.0									80L1
x_2	0.0000	0.2586	0.3258	0.5954	0.6121	0.7169	0.8683	1.0000	
η /(mPa s)	0.473	0.516	0.530	0.585	0.588	0.613	0.656	0.698	
T /°C = -60.0									80L1
x_2	0.0000	0.2586	0.3258	0.5954	0.6121	0.7169	0.8683	1.0000	
η /(mPa s)	0.454	0.490	0.501	0.550	0.554	0.578	0.617	0.654	
T /°C = -55.0									80L1
x_2	0.0000	0.2586	0.3258	0.5954	0.6121	0.7169	0.8683	1.0000	
η /(mPa s)	0.432	0.465	0.476	0.523	0.526	0.548	0.582	0.622	
T /°C = -50.0									80L1
x_2	0.0000	0.2586	0.3258	0.5954	0.6121	0.7169	0.8683	1.0000	
η /(mPa s)	0.409	0.443	0.454	0.497	0.500	0.520	0.551	0.582	
T /°C = -45.0									80L1
x_2	0.0000	0.2586	0.3258	0.5954	0.6121	0.7169	0.8683	1.0000	
η /(mPa s)	0.392	0.425	0.432	0.474	0.476	0.494	0.523	0.550	

425 **CHCl₂F (1)** **dichloro-fluoro-methane** **75-43-4**
C₃H₆O (2) **propan-2-one** **67-64-1**

T /°C = -80.0									49L1
x_1	0.0000	0.2500	0.5000	0.7500	1.0000				
η /(mPa s)	1.526	1.848	2.042	2.064	1.232				
T /°C = -40.0									49L1
x_1	0.0000	0.2500	0.5000	0.7500	1.0000				
η /(mPa s)	0.713	0.791	0.869	0.854	0.664				

$T/^\circ\text{C} = 0.0$										49L1
x_1	0.0000	0.2500	0.5000	0.7500	1.0000					
$\eta /(\text{mPa s})$	0.398	0.453	0.487	0.473	0.412					
426	CHCl_3 (1)		trichloromethane							67-66-3
	CH_3NO_2 (2)		nitromethane							75-52-5
$T/^\circ\text{C} = 20.0$										74M2
x_1	0.0000	0.0692	0.1432	0.2228	0.3083	0.3485	0.4007	0.5007	0.5515	
$\eta /(\text{mPa s})$	0.6359	0.6405	0.6446	0.6490	0.6529	0.6572	0.6589	0.6606	0.6610	
x_1	0.6094	0.7268	0.7912	0.8575	1.0000					
$\eta /(\text{mPa s})$	0.6582	0.6390	0.6415	0.6308	0.6178					
$T/^\circ\text{C} = 25.0$										74M2
x_1	0.0000	0.0692	0.1432	0.2228	0.3083	0.3485	0.4007	0.5007	0.5515	
$\eta /(\text{mPa s})$	0.6233	0.6242	0.6239	0.6256	0.6126	0.6238	0.6211	0.6183	0.6135	
x_1	0.6094	0.7268	0.7912	0.8575	1.0000					
$\eta /(\text{mPa s})$	0.6082	0.5947	0.5930	0.5870	0.5765					
$T/^\circ\text{C} = 30.0$										74M2
x_1	0.0000	0.0692	0.1432	0.2228	0.3083	0.3485	0.4007	0.5007	0.5515	
$\eta /(\text{mPa s})$	0.5782	0.5795	0.5838	0.6028	0.5833	0.5842	0.5834	0.5888	0.5846	
x_1	0.6094	0.7268	0.7912	0.8575	1.0000					
$\eta /(\text{mPa s})$	0.5820	0.5731	0.5680	0.5651	0.5442					
$T/^\circ\text{C} = 35.0$										74M2
x_1	0.0000	0.0692	0.1432	0.2228	0.3083	0.3485	0.4007	0.5007	0.5515	
$\eta /(\text{mPa s})$	0.5493	0.5560	0.5627	0.5675	0.5645	0.5634	0.5600	0.5580	0.5563	
x_1	0.6094	0.7268	0.7912	0.8575	1.0000					
$\eta /(\text{mPa s})$	0.5540	0.5389	0.5372	0.5302	0.5129					
$T/^\circ\text{C} = 20.0$										74M2
x_1	0.0000	0.0692	0.1432	0.2228	0.3083	0.3485	0.4007	0.5007	0.5515	
$\nu /(\text{mm}^2/\text{s})$	0.5585	0.5494	0.5433	0.5295	0.5199	0.5161	0.5108	0.4982	0.4923	
x_1	0.6094	0.7268	0.7912	0.8575	1.0000					
$\nu /(\text{mm}^2/\text{s})$	0.4827	0.4561	0.4510	0.4368	0.4150					
$T/^\circ\text{C} = 25.0$										74M2
x_1	0.0000	0.0692	0.1432	0.2228	0.3083	0.3485	0.4007	0.5007	0.5515	
$\nu /(\text{mm}^2/\text{s})$	0.5511	0.5388	0.5259	0.5136	0.4906	0.4930	0.4843	0.4693	0.4592	
x_1	0.6094	0.7268	0.7912	0.8575	1.0000					
$\nu /(\text{mm}^2/\text{s})$	0.4487	0.4271	0.4196	0.4095	0.3897					
$T/^\circ\text{C} = 30.0$										74M2
x_1	0.0000	0.0692	0.1432	0.2228	0.3083	0.3485	0.4007	0.5007	0.5515	
$\nu /(\text{mm}^2/\text{s})$	0.5141	0.5029	0.4950	0.4978	0.4701	0.4645	0.4578	0.4496	0.4404	

x_1	0.6094	0.7268	0.7912	0.8575	1.0000				
$\nu /(\text{mm}^2/\text{s})$	0.4320	0.4142	0.4042	0.3964	0.3703				
$T/^\circ\text{C} = 35.0$									74M2
x_1	0.0000	0.0692	0.1432	0.2228	0.3083	0.3485	0.4007	0.5007	0.5515
$\nu /(\text{mm}^2/\text{s})$	0.4913	0.4856	0.4800	0.4714	0.4578	0.4509	0.4422	0.4289	0.4218
x_1	0.6094	0.7268	0.7912	0.8575	1.0000				
$\nu /(\text{mm}^2/\text{s})$	0.4140	0.3920	0.3793	0.3742	0.3509				
427	CHCl_3 (1)		trichloromethane						67-66-3
	CH_4O (2)		methanol						67-56-1
$T/\text{K} = 303.15$									96Z1
x_2	0.0000	0.0625	0.0947	0.1406	0.1830	0.2165	0.3004	0.3311	0.3671
$\eta /(\text{mPa s})$	0.5137	0.5090	0.5084	0.5099	0.5138	0.5168	0.5296	0.5343	0.5424
x_2	0.3854	0.4503	0.5306	0.6150	0.6304	0.7056	0.7430	0.7810	0.8147
$\eta /(\text{mPa s})$	0.5460	0.5601	0.5764	0.5904	0.5921	0.5975	0.5962	0.5924	0.5864
x_2	0.8944	0.9355	0.9610	1.0000					
$\eta /(\text{mPa s})$	0.5613	0.5417	0.5281	0.5058					
$T/\text{K} = 303.15$									91C3
x_1	0.0000	0.0960	0.1963	0.2971	0.4963	0.6952	0.9092	1.0000	
$\eta /(\text{mPa s})$	0.5162	0.5644	0.6289	0.6315	0.5872	0.5447	0.5211	0.5249	
$T/\text{K} = 311.15$									91C3
x_1	0.0000	0.0960	0.1963	0.2971	0.4963	0.6952	0.9092	1.0000	
$\eta /(\text{mPa s})$	0.4603	0.5043	0.5549	0.5593	0.5271	0.4971	0.4822	0.4893	
$T/\text{K} = 319.15$									91C3
x_1	0.0000	0.0960	0.1963	0.2971	0.4963	0.6952	0.9092	1.0000	
$\eta /(\text{mPa s})$	0.4116	0.4586	0.4932	0.5022	0.4779	0.4574	0.4489	0.4571	
$T/\text{K} = 298.15$									84W1
φ_1	0.0000	0.1996	0.3340	0.4441	0.5340	0.6117	0.6609	0.7958	0.8844
$\nu /(\text{mm}^2/\text{s})$	0.7020	0.6591	0.6273	0.5899	0.5514	0.5147	0.4881	0.4207	0.3840
φ_1	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.3623								
428	CHCl_3 (1)		trichloromethane						67-66-3
	C_2HCl_3 (2)		1,1,2-trichloro-ethene						79-01-6
$T/\text{K} = 303.15$									81N1
x_2	0.0000	0.1451	0.2431	0.3368	0.4687	0.5793	0.6718	0.7912	0.8680
$\eta /(\text{mPa s})$	0.514	0.517	0.521	0.521	0.521	0.519	0.519	0.519	0.518
x_2	0.9526	1.0000							

η /(mPa s) 0.518 0.517

429 **CHCl₃ (1)** **trichloromethane** **67-66-3**
 C₂H₄O₂ (2) **acetic acid** **64-19-7**

$T/^\circ\text{C} = 25.0$ 73V1

x_1 0.0000 0.0468 0.1013 0.1021 0.1487 0.2030 0.2312 0.2997 0.3403
 η /(mPa s) 1.139 1.087 0.997 1.022 0.954 0.925 0.882 0.837 0.805

x_1 0.4207 0.4784 0.5017 0.5627 0.6215 0.7312 0.8031 0.8931 1.0000
 η /(mPa s) 0.759 0.731 0.717 0.680 0.657 0.613 0.589 0.560 0.533

430 **CHCl₃ (1)** **trichloromethane** **67-66-3**
 C₂H₄Cl₂ (2) **1,2-dichloro-ethane** **107-06-2**

$T/\text{K} = 303.15$ 97Z1

x_2 0.0000 0.0711 0.1645 0.2160 0.3322 0.4444 0.5227 0.6269 0.7591
 η /(mPa s) 0.5118 0.5240 0.5402 0.5493 0.5723 0.5947 0.6115 0.6349 0.6659

x_2 0.7901 0.8637 0.9350 1.0000
 η /(mPa s) 0.6733 0.6920 0.7102 0.7275

431 **CHCl₃ (1)** **trichloromethane** **67-66-3**
 C₂H₆O (2) **ethanol** **64-17-5**

$T/\text{K} = 303.15$ 96Z1

x_2 0.0000 0.0811 0.1571 0.2368 0.3342 0.4545 0.5514 0.6372 0.7644
 η /(mPa s) 0.5137 0.5140 0.5247 0.5440 0.5774 0.6351 0.6970 0.7617 0.8683

x_2 0.7943 0.8607 0.9211 1.0000
 η /(mPa s) 0.8927 0.9412 0.9752 0.9925

$T/\text{K} = 303.15$ 91C3

x_1 0.0000 0.1074 0.2992 0.5029 0.6978 0.9003 1.0000
 η /(mPa s) 0.9871 0.9539 0.8095 0.6591 0.5679 0.5256 0.5254

$T/\text{K} = 311.15$ 91C3

x_1 0.0000 0.1074 0.2992 0.5029 0.6978 0.9003 1.0000
 η /(mPa s) 0.8481 0.8217 0.7021 0.5849 0.5169 0.4864 0.4893

$T/\text{K} = 319.15$ 91C3

x_1 0.0000 0.1074 0.2892 0.5029 0.6978 0.9003 1.0000
 η /(mPa s) 0.7348 0.7107 0.6097 0.5234 0.4922 0.4517 0.4566

$x_1 = 1.0000$ 57D1

$T/^\circ\text{C}$ 5.0 10.0 15.0 20.0 30.0 40.0 50.0
 η /(mPa s) 0.7151 0.6817 0.6500 0.6216 0.5594 0.5142 0.4800

$x_1 = 0.7976$										57D1
$T/^\circ\text{C}$	5.0	10.0	15.0	20.0	30.0	40.0	50.0			
$\eta /(\text{mPa s})$	0.9173	0.8643	0.8119	0.7340	0.6420	0.5450	0.4860			
$x_1 = 0.5582$										57D1
$T/^\circ\text{C}$	5.0	10.0	15.0	20.0	30.0	40.0	50.0			
$\eta /(\text{mPa s})$	1.3132	1.2032	1.0944	0.9800	0.8170	0.6630	0.5620			
$x_1 = 0.2453$										57D1
$T/^\circ\text{C}$	5.0	10.0	15.0	20.0	30.0	40.0	50.0			
$\eta /(\text{mPa s})$	1.6459	1.4946	1.3418	1.2236	0.9920	0.8170	0.6840			
432	CHCl_3 (1)		trichloromethane							67-66-3
	$\text{C}_2\text{H}_6\text{OS}$ (2)		dimethyl sulfoxide							67-68-5
$T/\text{K} = 298.15$										84W1
ϕ_2	0.0000	0.2115	0.3054	0.3688	0.5432	0.5842	0.7003	0.7970	0.8938	
$\nu /(\text{mm}^2/\text{s})$	0.3623	0.6433	0.8024	0.9047	1.1431	1.2067	1.3585	1.4866	1.6141	
ϕ_2	1.0000									
$\nu /(\text{mm}^2/\text{s})$	1.8028									
433	CHCl_3 (1)		trichloromethane							67-66-3
	$\text{C}_3\text{H}_6\text{O}$ (2)		propan-2-one							67-64-1
$T/\text{K} = 293.15$										80C1
x_1	0.0000	0.1193	0.2623	0.3723	0.5128	0.6064	0.7001	0.8577	1.0000	
$\eta /(\text{mPa s})$	0.326	0.357	0.408	0.453	0.508	0.538	0.560	0.583	0.563	
$T/\text{K} = 298.15$										80C1
x_1	0.0000	0.1483	0.2721	0.3885	0.4985	0.6363	0.7114	0.8334	1.0000	
$\eta /(\text{mPa s})$	0.316	0.356	0.400	0.445	0.485	0.527	0.543	0.557	0.542	
$T/\text{K} = 303.15$										80C1
x_1	0.0000	0.1041	0.1842	0.2689	0.3733	0.5487	0.6876	0.8278	1.0000	
$\eta /(\text{mPa s})$	0.295	0.326	0.352	0.381	0.424	0.488	0.514	0.540	0.514	
$T/^\circ\text{C} = 20.0$										71N1
x_1	0.1193	0.2623	0.3723	0.5128	0.6064	0.7001	0.8577			
$\eta /(\text{mPa s})$	0.357	0.408	0.453	0.508	0.538	0.560	0.583			
$T/^\circ\text{C} = 25.0$										71N1
x_1	0.1483	0.2721	0.3885	0.4985	0.6363	0.7114	0.8834			
$\eta /(\text{mPa s})$	0.356	0.400	0.445	0.485	0.527	0.543	0.557			
$T/^\circ\text{C} = 30.0$										71N1
x_1	0.1041	0.1842	0.2689	0.3733	0.5487	0.6876	0.8278			
$\eta /(\text{mPa s})$	0.326	0.352	0.381	0.424	0.488	0.514	0.540			

$T/^\circ\text{C} = 25.0$								66F1
x_1	0.00	0.20	0.40	0.60	0.80	1.00		
$\eta/(\text{mPa s})$	0.302	0.353	0.424	0.486	0.512	0.504		
$T/^\circ\text{C} = 25.0$								51K1
x_2	0.0555	0.2192	0.3737	0.4960	0.5520	0.6793	0.8196	0.9233
$\eta/(\text{mPa s})$	0.3683	0.3978	0.4101	0.4094	0.4061	0.3956	0.3854	0.3800
$x_1 = 0.00$								41L1
$T/^\circ\text{C}$	11.3	19.1	21.0	29.9	30.8	38.2		
$\eta/(\text{mPa s})$	0.3871	0.3636	0.3620	0.3350	0.3366	0.3166		
$x_1 = 0.25$								41L1
$T/^\circ\text{C}$	11.6	19.5	29.8	40.0				
$\eta/(\text{mPa s})$	0.4754	0.4412	0.3982	0.3660				
$x_1 = 0.50$								41L1
$T/^\circ\text{C}$	12.0	20.3	30.5	40.7				
$\eta/(\text{mPa s})$	0.5835	0.5307	0.4779	0.4341				
$x_1 = 0.75$								41L1
$T/^\circ\text{C}$	10.0	20.2	30.4	38.5	48.5			
$\eta/(\text{mPa s})$	0.6822	0.6037	0.5427	0.5052	0.4644			
$x_1 = 1.00$								41L1
$T/^\circ\text{C}$	12.2	19.7	30.6	40.1				
$\eta/(\text{mPa s})$	0.6528	0.5978	0.5393	0.4912				
$T/^\circ\text{C} = -13.0$								12F1
x_1	0.00	0.20	0.40	0.70	0.80	0.90	1.00	
$\eta/(\text{mPa s})$	0.450	0.649	0.813	0.918	0.910	0.890	0.855	
$T/^\circ\text{C} = 0.0$								12F1
x_1	0.00	0.20	0.40	0.70	0.80	0.90	1.00	
$\eta/(\text{mPa s})$	0.395	0.505	0.603	0.725	0.745	0.738	0.715	
$T/^\circ\text{C} = 19.0$								12F1
x_1	0.00	0.20	0.40	0.70	0.80	0.90	1.00	
$\eta/(\text{mPa s})$	0.303	0.396	0.478	0.571	0.593	0.612	0.615	
$T/^\circ\text{C} = 39.0$								12F1
x_1	0.00	0.20	0.40	0.70	0.80	0.90	1.00	
$\eta/(\text{mPa s})$	0.264	0.326	0.390	0.465	0.480	0.493	0.500	
$T/^\circ\text{C} = 0.0$								08T1
x_1	0.000	0.157	0.362	0.483	0.609	0.824	1.000	
$\eta/(\text{mPa s})$	0.4050	0.4897	0.5698	0.6482	0.6893	0.7323	0.7226	
$T/^\circ\text{C} = 20.0$								08T1

x_1	0.000	0.157	0.362	0.483	0.609	0.824	1.000		
η /(mPa s)	0.3417	0.3875	0.4660	0.5110	0.5471	0.5836	0.5771		
T /°C = 40.0									08T1
x_1	0.000	0.157	0.362	0.483	0.609	0.824	1.000		
η /(mPa s)	0.2817	0.3324	0.3940	0.4257	0.4577	0.4867	0.4891		
434	CHCl₃ (1) C₃H₆O₂ (2)		trichloromethane acetic acid methyl ester						67-66-3 79-20-9
T /K = 298.15									84W1
φ_2	0.0000	0.1807	0.2953	0.3790	0.5358	0.5976	0.7016	0.7808	0.8762
ν /(mm ² /s)	0.3623	0.4007	0.4104	0.4146	0.4124	0.4091	0.4024	0.3966	0.3919
φ_2	1.0000								
ν /(mm ² /s)	0.3881								
435	CHCl₃ (1) C₃H₆O₃ (2)		trichloromethane carbonic acid dimethyl ester						67-66-3 616-38-6
T /K = 298.15									98A4
x_2	0.0000	0.0987	0.2134	0.3031	0.4027	0.5031	0.6187	0.7021	0.7996
η /(mPa s)	0.495	0.528	0.553	0.566	0.570	0.565	0.559	0.546	0.545
x_2	0.9013	1.0000							
η /(mPa s)	0.541	0.534							
T /K = 303.15									98A4
x_2	0.0000	0.0987	0.2134	0.3031	0.4027	0.5031	0.6187	0.7021	0.7996
η /(mPa s)	0.471	0.501	0.525	0.530	0.536	0.531	0.523	0.514	0.513
x_2	0.9013	1.0000							
η /(mPa s)	0.509	0.503							
T /K = 308.15									98A4
x_2	0.0000	0.0987	0.2134	0.3031	0.4027	0.5031	0.6187	0.7021	0.7996
η /(mPa s)	0.452	0.475	0.494	0.504	0.507	0.502	0.493	0.484	0.480
x_2	0.9013	1.0000							
η /(mPa s)	0.480	0.474							
436	CHCl₃ (1) C₃H₈O (2)		trichloromethane propan-1-ol						67-66-3 71-23-8
T /K = 303.15									96Z1
x_2	0.0000	0.0590	0.1099	0.1428	0.1958	0.2432	0.3447	0.4974	0.6171
η /(mPa s)	0.5137	0.5225	0.5365	0.5488	0.5706	0.5949	0.6588	0.8026	0.9716
x_2	0.7318	0.7983	0.8606	0.9106	0.9251	0.9307	0.9500	1.0000	

η /(mPa s)	1.1847	1.3246	1.4601	1.5655	1.5946	1.6055	1.6428	1.7268	
T /K = 303.15									91C3
x_1	0.0000	0.0987	0.2987	0.4992	0.6990	0.9085	1.0000		
η /(mPa s)	1.7229	1.5382	1.0650	0.8162	0.6346	0.5383	0.5249		
T /K = 311.15									91C3
x_1	0.0000	0.0987	0.2987	0.4992	0.6990	0.9085	1.0000		
η /(mPa s)	1.4295	1.2831	0.9064	0.7227	0.5734	0.4977	0.4893		
T /K = 319.15									91C3
x_1	0.0000	0.0987	0.2941	0.4970	0.6990	0.9085	1.0000		
η /(mPa s)	1.1971	1.0802	0.8178	0.6404	0.5202	0.4655	0.4571		
437	CHCl₃ (1)		trichloromethane						67-66-3
	C₃H₈O (2)		propan-2-ol						67-63-0
T /°C = 20.0									98S2
x_1	0.0000	0.0530	0.1118	0.1774	0.2512	0.3348	0.4302	0.5401	0.6681
η /(mPa s)	2.2918	1.9341	1.5353	1.2666	1.1246	0.9078	0.7882	0.7198	0.6739
x_1	0.8192	1.0000							
η /(mPa s)	0.6407	0.5804							
T /°C = 25.0									98S2
x_1	0.0000	0.0530	0.1118	0.1774	0.2512	0.3348	0.4302	0.5401	0.6681
η /(mPa s)	2.0152	1.6861	1.3699	1.1364	0.9386	0.8398	0.7461	0.6596	0.6139
x_1	0.8192	1.0000							
η /(mPa s)	0.5791	0.5554							
T /°C = 30.0									98S2
x_1	0.0000	0.0530	0.1118	0.1774	0.2512	0.3348	0.4302	0.5401	0.6681
η /(mPa s)	1.7967	1.4675	1.1938	1.0234	0.8882	0.7599	0.6692	0.6127	0.5928
x_1	0.8192	1.0000							
η /(mPa s)	0.5519	0.5411							
T /°C = 35.0									98S2
x_1	0.0000	0.0530	0.1118	0.1774	0.2512	0.3348	0.4302	0.5401	0.6681
η /(mPa s)	1.5639	1.2982	1.0757	0.9219	0.7940	0.6928	0.6231	0.5919	0.5522
x_1	0.8192	1.0000							
η /(mPa s)	0.5346	0.5086							
T /°C = 50.0									63B1
x_2	0.104	0.310	0.411						
η /(mPa s)	0.568	0.553	0.561						
T /°C = 20.0									95S4
x_1	0.0000	0.0530	0.1118	0.1774	0.2512	0.3348	0.4302	0.5401	0.6681

	C₄H₈O₂ (2)		1,4-dioxane					123-91-1	
$T/K = 303.15$	92O5								
x_2	0.0000	0.0995	0.1981	0.2998	0.3953	0.4992	0.5971	0.6993	0.8015
$\eta /(\text{mPa s})$	0.506	0.590	0.672	0.750	0.801	0.857	0.910	0.956	0.997
x_2	0.9021	1.0000							
$\eta /(\text{mPa s})$	1.044	1.090							
$T/^\circ\text{C} = 20.0$	74F1								
x_1	0.0000	0.1113	0.2156	0.3738	0.4423	0.5297	0.6414	0.7566	0.8953
$\eta /(\text{mPa s})$	1.3072	1.2067	1.1631	1.0350	0.9988	0.9534	0.8895	0.8103	0.6647
x_1	1.0000								
$\eta /(\text{mPa s})$	0.5628								
$T/^\circ\text{C} = 30.0$	74F1								
x_1	0.0000	0.1113	0.2156	0.3738	0.4423	0.5297	0.6414	0.7566	0.8953
$\eta /(\text{mPa s})$	1.1896	1.1306	1.0616	0.9859	0.9577	0.8919	0.8308	0.7416	0.6317
x_1	1.0000								
$\eta /(\text{mPa s})$	0.5025								
$T/^\circ\text{C} = 40.0$	74F1								
x_1	0.0000	0.1113	0.2156	0.3738	0.4423	0.5297	0.6414	0.7566	0.8953
$\eta /(\text{mPa s})$	0.9362	0.9312	0.8952	0.8316	0.8222	0.7788	0.7295	0.6851	0.5817
x_1	1.0000								
$\eta /(\text{mPa s})$	0.4648								
$T/^\circ\text{C} = 20.0$	71N1								
x_1	0.1520	0.2726	0.3876	0.4413	0.5160	0.6385	0.7409	0.8856	
$\eta /(\text{mPa s})$	1.199	1.129	1.063	1.035	0.992	0.919	0.819	0.677	
$T/^\circ\text{C} = 25.0$	71N1								
x_1	0.1520	0.2726	0.3876	0.4413	0.5160	0.6385	0.7409	0.8856	
$\eta /(\text{mPa s})$	1.073	1.018	0.964	0.952	0.905	0.837	0.774	0.658	
$T/^\circ\text{C} = 30.0$	71N1								
x_1	0.2137	0.3447	0.4212	0.4813	0.5194	0.5698	0.7088		
$\eta /(\text{mPa s})$	1.007	0.949	0.934	0.886	0.879	0.844	0.752		
$T/^\circ\text{C} = 25.0$	66F1								
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	1.194	1.080	0.981	0.865	0.703	0.504			
442	CHCl₃ (1)	trichloromethane					67-66-3		
	C₄H₁₀O (2)	butan-1-ol					71-36-3		
$T/K = 303.15$	96Z1								

x_2	0.0000	0.0563	0.0995	0.1395	0.1858	0.2305	0.2878	0.3010	0.3666
η /(mPa s)	0.5137	0.5315	0.5491	0.5709	0.6001	0.6329	0.6839	0.6958	0.7663
x_2	0.4891	0.5662	0.6718	0.7659	0.8333	0.9010	0.9386	1.0000	
η /(mPa s)	0.9373	1.0762	1.3139	1.5737	1.7800	1.9922	2.1066	2.2719	
443	CHCl₃ (1)		trichloromethane						67-66-3
	C₄H₁₀O (2)		butan-2-ol						78-92-2
$T/^\circ\text{C} = 20.0$									98S2
x_1	0.0000	0.0645	0.1344	0.2101	0.2927	0.3830	0.4822	0.5916	0.7129
η /(mPa s)	3.9716	3.5494	2.9604	2.4913	2.0319	1.6959	1.2375	0.9715	0.8088
x_1	0.8482	1.0000							
η /(mPa s)	0.6857	0.5804							
$T/^\circ\text{C} = 25.0$									98S2
x_1	0.0000	0.0645	0.1344	0.2101	0.2927	0.3830	0.4822	0.5916	0.7129
η /(mPa s)	3.5184	3.0839	2.5699	2.1752	1.7213	1.4716	1.0913	0.9324	0.7494
x_1	0.8482	1.0000							
η /(mPa s)	0.6321	0.5554							
$T/^\circ\text{C} = 30.0$									98S2
x_1	0.0000	0.0645	0.1344	0.2101	0.2927	0.3830	0.4822	0.5916	0.7129
η /(mPa s)	2.9085	2.6399	2.2489	1.8943	1.5654	1.3423	1.0068	0.8627	0.7004
x_1	0.8482	1.0000							
η /(mPa s)	0.5991	0.5411							
$T/^\circ\text{C} = 35.0$									98S2
x_1	0.0000	0.0645	0.1344	0.2101	0.2927	0.3830	0.4822	0.5916	0.7129
η /(mPa s)	2.4849	2.2674	1.8746	1.6404	1.3657	1.2280	0.9225	0.8044	0.6511
x_1	0.8482	1.0000							
η /(mPa s)	0.5713	0.5086							
$T/^\circ\text{C} = 20.0$									95S4
x_1	0.0000	0.0645	0.1344	0.2101	0.2927	0.3830	0.4822	0.5916	0.7129
ν /(mm ² /s)	4.930	4.229	3.358	2.678	2.065	1.635	1.130	0.833	0.640
x_1	0.8482	1.0000							
ν /(mm ² /s)	0.504	0.390							
$T/^\circ\text{C} = 25.0$									95S4
x_1	0.0000	0.0645	0.1344	0.2101	0.2927	0.3830	0.4822	0.5916	0.7129
ν /(mm ² /s)	4.387	3.688	2.922	2.348	1.762	1.425	0.999	0.800	0.596
x_1	0.8482	1.0000							
ν /(mm ² /s)	0.469	0.377							
$T/^\circ\text{C} = 30.0$									95S4
x_1	0.0000	0.0645	0.1344	0.2101	0.2927	0.3830	0.4822	0.5916	0.7129

ν /(mm ² /s)	3.728	3.176	2.566	2.059	1.609	1.306	0.923	0.741	0.561	
x_1	0.8482	1.0000								
ν /(mm ² /s)	0.446	0.368								
T /°C = 35.0									95S4	
x_1	0.0000	0.0645	0.1344	0.2101	0.2927	0.3830	0.4822	0.5916	0.7129	
ν /(mm ² /s)	3.134	2.744	2.158	1.793	1.411	1.174	0.849	0.695	0.525	
x_1	0.8482	1.0000								
ν /(mm ² /s)	0.429	0.348								
444	CHCl₃ (1)	C₄H₁₀O (2)	trichloromethane							67-66-3
			ethoxy-ethane							60-29-7
T /°C = 15.0									71N1	
x_1	0.2213	0.3539	0.5050	0.6348	0.7526	0.8208				
η /(mPa s)	0.331	0.394	0.468	0.520	0.553	0.564				
T /°C = 20.0									71N1	
x_1	0.1704	0.2909	0.4425	0.5620	0.6848	0.8038	0.8989			
η /(mPa s)	0.295	0.354	0.416	0.466	0.507	0.536	0.555			
T /°C = 25.0									71N1	
x_1	0.1567	0.3094	0.4329	0.5582	0.6897	0.8073	0.8947			
η /(mPa s)	0.282	0.343	0.395	0.445	0.489	0.519	0.536			
T /°C = 0.0									12F1	
x_2	0.00	0.30	0.60	0.70	0.80	0.90	1.00			
η /(mPa s)	0.700	0.660	0.512	0.440	0.380	0.330	0.286			
T /°C = 30.0									12F1	
x_2	0.00	0.30	0.60	0.70	0.80	0.90	1.00			
η /(mPa s)	0.510	0.452	0.352	0.314	0.278	0.246	0.214			
T /°C = 0.0									1897T1	
w_2	0.0000	0.1594	0.4014	0.5980	0.7930	1.0000				
η /(mPa s)	0.706	0.678	0.562	0.440	0.350	0.295				
T /°C = 10.0									1897T1	
w_2	0.0000	0.1594	0.4014	0.5980	0.7930	1.0000				
η /(mPa s)	0.633	0.595	0.489	0.388	0.312	0.268				
T /°C = 20.0									1897T1	
w_2	0.0000	0.1594	0.4014	0.5980	0.7930	1.0000				
η /(mPa s)	0.571	0.528	0.430	0.346	0.281	0.245				
T /°C = 30.0									1897T1	
w_2	0.0000	0.1594	0.4014	0.5980	0.7930	1.0000				
η /(mPa s)	0.519	0.472	0.382	0.310	0.254	0.223				

445	CHCl₃ (1)		trichloromethane						67-66-3
	C₄H₁₀O (2)		2-methyl-propan-1-ol						78-83-1
<i>T</i> /°C = 50.0									63B1
<i>x</i> ₂	0.177	0.562	0.774						
<i>η</i> /(mPa s)	0.580	0.693	0.904						
446	CHCl₃ (1)		trichloromethane						67-66-3
	C₄H₁₁N (2)		butylamine						109-73-9
<i>T</i> /°C = 20.0									90A1
<i>x</i> ₂	0.0000	0.0601	0.1276	0.1585	0.2301	0.2658	0.3360	0.4049	
<i>η</i> /(mPa s)	0.575	0.590	0.603	0.610	0.623	0.631	0.641	0.647	
<i>x</i> ₂	0.4341	0.4542	0.4991	0.6045	0.6156	0.6443	0.7093	0.7325	
<i>η</i> /(mPa s)	0.649	0.649	0.645	0.630	0.627	0.621	0.604	0.596	
<i>x</i> ₂	0.8611	0.9302	1.0000						
<i>η</i> /(mPa s)	0.556	0.532	0.502						
<i>T</i> /°C = 25.0									90A1
<i>x</i> ₂	0.0000	0.0601	0.1276	0.1585	0.2301	0.2658	0.3360	0.4049	
<i>η</i> /(mPa s)	0.542	0.555	0.567	0.571	0.583	0.587	0.598	0.600	
<i>x</i> ₂	0.4341	0.4542	0.4991	0.6045	0.6156	0.6443	0.7093	0.7325	
<i>η</i> /(mPa s)	0.599	0.600	0.598	0.585	0.580	0.573	0.559	0.552	
<i>x</i> ₂	0.8611	0.9302	1.0000						
<i>η</i> /(mPa s)	0.514	0.492	0.465						
<i>T</i> /°C = 30.0									90A1
<i>x</i> ₂	0.0000	0.0601	0.1276	0.1585	0.2301	0.2658	0.3360	0.4049	
<i>η</i> /(mPa s)	0.517	0.529	0.535	0.544	0.554	0.558	0.566	0.567	
<i>x</i> ₂	0.4341	0.4542	0.4991	0.6045	0.6156	0.6443	0.7093	0.7325	
<i>η</i> /(mPa s)	0.568	0.566	0.561	0.548	0.544	0.540	0.526	0.520	
<i>x</i> ₂	0.8611	0.9302	1.0000						
<i>η</i> /(mPa s)	0.487	0.463	0.439						
<i>T</i> /°C = 35.0									90A1
<i>x</i> ₂	0.0000	0.0601	0.1276	0.1585	0.2301	0.2658	0.3360	0.4049	
<i>η</i> /(mPa s)	0.508	0.516	0.525	0.529	0.535	0.538	0.541	0.543	
<i>x</i> ₂	0.4341	0.4542	0.4991	0.6045	0.6156	0.6443	0.7093	0.7325	
<i>η</i> /(mPa s)	0.541	0.540	0.536	0.524	0.520	0.516	0.503	0.496	
<i>x</i> ₂	0.8611	0.9302	1.0000						
<i>η</i> /(mPa s)	0.460	0.437	0.413						
447	CHCl₃ (1)		trichloromethane						67-66-3

	C₅H₁₂O (2)		3-methyl-butan-1-ol							123-51-3	
$T/^\circ\text{C} = 50.0$											63B1
x_2	0.145	0.524	0.743								
$\eta/(\text{mPa s})$	0.585	0.774	1.019								
448	CHCl₃ (1)		trichloromethane							67-66-3	
	C₅H₁₄OSi (2)		ethoxy-trimethyl-silane							1825-62-3	
$T/^\circ\text{C} = 20.0$											64V1
x_2	0.0000	0.0538	0.1135	0.1799	0.2545	0.3386	0.4344	0.5443	0.6641		
$\eta/(\text{mPa s})$	0.5640	0.5922	0.5850	0.5797	0.5700	0.5530	0.5255	0.4932	0.4600		
x_2	0.8188	1.0000									
$\eta/(\text{mPa s})$	0.4072	0.3627									
449	CHCl₃ (1)		trichloromethane							67-66-3	
	C₆H₆ (2)		benzene							71-43-2	
$T/^\circ\text{C} = 30.0$											91B1
x_2	0.00000	0.09976	0.20011	0.30025	0.39928	0.50050	0.60029	0.70049			
$\eta/(\text{mPa s})$	0.59915	0.59239	0.58714	0.58316	0.58047	0.57749	0.57676	0.57435			
x_2	0.80049	0.90011	1.00000								
$\eta/(\text{mPa s})$	0.57463	0.57513	0.57759								
$T/^\circ\text{C} = 25.0$											81A1
x_1	0.0000	0.0672	0.1508	0.2151	0.3057	0.5108	0.6489	0.8164	0.9301		
$\eta/(\text{mPa s})$	0.6026	0.5938	0.5847	0.5795	0.5722	0.5613	0.5590	0.5493	0.5403		
x_1	1.0000										
$\eta/(\text{mPa s})$	0.5356										
$T/^\circ\text{C} = 15.0$											69M2
x_1	0.000	0.101	0.245	0.433	0.653	1.000					
$\eta/(\text{mPa s})$	0.699	0.672	0.650	0.631	0.616	0.600					
$T/^\circ\text{C} = 20.0$											69M2
x_1	0.000	0.101	0.245	0.433	0.653	1.000					
$\eta/(\text{mPa s})$	0.644	0.627	0.606	0.593	0.582	0.570					
$T/^\circ\text{C} = 30.0$											69M2
x_1	0.000	0.101	0.245	0.433	0.653	1.000					
$\eta/(\text{mPa s})$	0.559	0.548	0.533	0.527	0.522	0.516					
$T/^\circ\text{C} = 40.0$											69M2
x_1	0.000	0.101	0.245	0.433	0.653	1.000					
$\eta/(\text{mPa s})$	0.493	0.483	0.473	0.470	0.471	0.472					

$T/^\circ\text{C} = 50.0$										69M2
x_1	0.000	0.101	0.245	0.433						
$\eta/(\text{mPa s})$	0.438	0.431	0.426	0.430						
$T/^\circ\text{C} = 15.0$										67P1
x_1	0.000	0.101	0.2415	0.433	0.653	1.000				
$\eta/(\text{mPa s})$	0.699	0.672	0.650	0.631	0.616	0.600				
$T/^\circ\text{C} = 20.0$										67P1
x_1	0.000	0.101	0.2415	0.433	0.653	1.000				
$\eta/(\text{mPa s})$	0.644	0.627	0.606	0.593	0.582	0.570				
$T/^\circ\text{C} = 30.0$										67P1
x_1	0.000	0.101	0.2415	0.433	0.653	1.000				
$\eta/(\text{mPa s})$	0.559	0.548	0.533	0.527	0.520	0.516				
$T/^\circ\text{C} = 40.0$										67P1
x_1	0.000	0.101	0.2415	0.433	0.653	1.000				
$\eta/(\text{mPa s})$	0.493	0.483	0.473	0.470	0.471	0.472				
$T/^\circ\text{C} = 50.0$										67P1
x_1	0.000	0.101	0.2415	0.433						
$\eta/(\text{mPa s})$	0.438	0.431	0.426	0.430						
$T/^\circ\text{C} = 25.0$										66F1
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa s})$	0.504	0.525	0.541	0.555	0.574	0.602				
$T/^\circ\text{C} = 25.0$										38L1
φ_2	0.00	0.02	0.20	0.40	0.60	0.80	0.98	1.00		
$\eta/(\text{mPa s})$	0.700	0.690	0.650	0.633	0.618	0.607	0.597	0.595		
$T/^\circ\text{C} = 25.0$										81A1
x_1	0.0000	0.0672	0.1508	0.2151	0.3057	0.5108	0.6489	0.8164	0.9301	
$\nu/(\text{mm}^2/\text{s})$	0.6902	0.6530	0.6123	0.5849	0.5491	0.4829	0.4485	0.4063	0.3789	
x_1	1.0000									
$\nu/(\text{mm}^2/\text{s})$	0.3638									
450	CHCl_3 (1)		trichloromethane							67-66-3
	$\text{C}_6\text{H}_6\text{O}$ (2)		phenol							108-95-2
$T/^\circ\text{C} = 15.0$										24W4
x_2	0.2475	0.3300	0.3920	0.5000	0.5649	0.6451				
η/η_{water}	0.96	1.17	1.41	1.94	2.32	3.10				
451	CHCl_3 (1)		trichloromethane							67-66-3

	C₆H₁₀ (2)		cyclohexene						110-83-8
$T/K = 303.15$									90S1
x_2	0.0000	0.1005	0.2478	0.3282	0.4351	0.4917	0.6290	0.7454	0.8452
$\eta /(\text{mPa s})$	0.635	0.620	0.604	0.595	0.585	0.581	0.575	0.573	0.571
x_2	1.0000								
$\eta /(\text{mPa s})$	0.573								
452	CHCl₃ (1)		trichloromethane						67-66-3
	C₆H₁₀O (2)		cyclohexanone						108-94-1
$T/K = 303.15$									98N1
x_2	0.0000	0.0504	0.0875	0.1238	0.1662	0.2046	0.2532	0.2952	0.3517
$\nu /(\text{mm}^2/\text{s})$	0.350	0.398	0.442	0.484	0.530	0.578	0.632	0.690	0.763
x_2	0.3858	0.4488	0.5045	0.5572	0.6085	0.6573	0.7158	0.7668	0.8279
$\nu /(\text{mm}^2/\text{s})$	0.812	0.905	0.989	1.066	1.152	1.239	1.342	1.434	1.552
x_2	0.8886	0.9436	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.680	1.802	1.925						
453	CHCl₃ (1)		trichloromethane						67-66-3
	C₆H₁₂O (2)		cyclohexanol						108-93-0
$T/^\circ\text{C} = 20.0$									24W3
x_2	0.0000	0.1992	0.2500	0.3322	0.4032	0.5025	0.5747	0.6666	1.0000
$\eta / \eta_{\text{water}}$	0.58	1.10	1.13	1.2	1.3	1.9	2.4	3.6	14.5
454	CHCl₃ (1)		trichloromethane						67-66-3
	C₆H₁₂O (2)		4-methyl-pentan-2-one						108-10-1
$T/^\circ\text{C} = 30.0$									63B1
x_2	0.140	0.493	0.716						
$\eta /(\text{mPa s})$	0.710	0.685	0.634						
$T/^\circ\text{C} = 25.0$									51K1
x_2	0.0790	0.1360	0.2748	0.3886	0.5030	0.6084	0.7648	0.8401	0.9187
$\eta /(\text{mPa s})$	0.3974	0.4633	0.5141	0.5677	0.6093	0.6356	0.6585	0.6654	0.6712
455	CHCl₃ (1)		trichloromethane						67-66-3
	C₆H₁₄ (2)		hexane						110-54-3
$T/K = 298.15$									84W1
ϕ_2	0.0000	0.2064	0.3256	0.4125	0.5313	0.5693	0.6802	0.7820	0.9290
$\nu /(\text{mm}^2/\text{s})$	0.3623	0.3631	0.3666	0.3705	0.3823	0.3849	0.3943	0.4060	0.4347

φ_2	1.0000									
$\nu /(\text{mm}^2/\text{s})$	0.4470									
456	CH₂Cl₂ (1)		dichloromethane						75-09-2	
	C₆H₁₄O₂ (2)		2-butoxy-ethanol						111-76-2	
$T/\text{K} = 298.15$										97P1
x_2	0.0000	0.0035	0.0216	0.0344	0.0767	0.1259	0.2281	0.2903	0.3627	
$\eta /(\text{mPa s})$	0.532	0.536	0.555	0.570	0.628	0.703	0.901	1.042	1.235	
x_2	0.4472	0.5049	0.5823	0.6772	0.7828	0.8296	0.9123	1.0000		
$\eta /(\text{mPa s})$	1.494	1.659	1.894	2.175	2.429	2.525	2.702	2.836		
457	CHCl₃ (1)		trichloromethane						67-66-3	
	C₆H₁₄O₃ (2)		1-methoxy-2-(2-methoxy-ethoxy)-ethane						111-96-6	
$T/\text{K} = 298.15$										94H1
x_2	0.0000	0.0986	0.2039	0.2993	0.3966	0.4825	0.5247	0.5864	0.6365	
$\eta /(\text{mPa s})$	0.537	0.727	0.946	1.028	1.082	1.094	1.093	1.080	1.072	
x_2	0.7006	0.7976	0.8985	0.9325	1.0000					
$\eta /(\text{mPa s})$	1.054	1.033	1.011	1.008	0.981					
458	CHCl₃ (1)		trichloromethane						67-66-3	
	C₆H₁₅N (2)		triethylamine						121-44-8	
$T/^\circ\text{C} = 25.0$										89S2
x_1	0.0000	0.0983	0.1979	0.2978	0.3989	0.4988	0.5829	0.6859	0.8008	
$\eta /(\text{mPa s})$	0.344	0.389	0.442	0.503	0.567	0.618	0.640	0.631	0.604	
x_1	0.9010	1.0000								
$\eta /(\text{mPa s})$	0.574	0.542								
$T/\text{K} = 298.15$										84W1
φ_2	0.0000	0.2271	0.3346	0.3966	0.5222	0.5981	0.6761	0.8110	0.8725	
$\nu /(\text{mm}^2/\text{s})$	0.3623	0.4476	0.5009	0.5326	0.5913	0.6167	0.6242	0.5867	0.5556	
φ_2	1.0000									
$\nu /(\text{mm}^2/\text{s})$	0.4908									
459	CHCl₃ (1)		trichloromethane						67-66-3	
	C₇H₈ (2)		toluene						108-88-3	
$T/^\circ\text{C} = 25.0$										81A1
x_1	0.0000	0.0912	0.1727	0.2562	0.3481	0.5471	0.6862	0.8428	0.9237	
$\eta /(\text{mPa s})$	0.5526	0.5573	0.5608	0.5636	0.5661	0.5687	0.5638	0.5531	0.5450	
x_1	1.0000									

η /(mPa s)	0.5357								
$T/^\circ\text{C} = 25.0$	81A1								
x_1	0.0000	0.0912	0.1727	0.2562	0.3481	0.5471	0.6862	0.8428	0.9237
ν /(mm ² /s)	0.6413	0.6158	0.5933	0.5703	0.5455	0.4929	0.4536	0.4091	0.3858
x_1	1.0000								
ν /(mm ² /s)	0.3638								

460 **CHCl₃ (1)** **trichloromethane** **67-66-3**
 C₇H₈O (2) **methoxybenzene** **100-66-3**

$T/^\circ\text{C} = 15.0$	24W4								
x_2	0.2500	0.3289	0.4000	0.4950	0.6623	0.7143			
η/η_{water}	0.732	0.758	0.791	0.832	0.891	0.910			

461 **CHCl₃ (1)** **trichloromethane** **67-66-3**
 C₈H₈ (2) **vinylbenzene** **100-42-5**

$T/\text{K} = 298.15$	98A5								
x_2	0.0000	0.1010	0.2004	0.3009	0.4002	0.5055	0.5997	0.7050	0.7962
η /(mPa s)	0.5565	0.5838	0.6109	0.6357	0.6615	0.6849	0.7054	0.7267	0.7443
x_2	0.9000		1.0000						
η /(mPa s)	0.7286	0.7082							
$T/\text{K} = 303.15$	98A5								
x_2	0.0000	0.1010	0.2004	0.3009	0.4002	0.5055	0.5997	0.7050	0.7962
η /(mPa s)	0.5344	0.5575	0.5816	0.6033	0.6280	0.6463	0.6686	0.6832	0.6993
x_2	0.9000		1.0000						
η /(mPa s)	0.6841	0.6627							
$T/\text{K} = 308.15$	98A5								
x_2	0.0000	0.1010	0.2004	0.3009	0.4002	0.5055	0.5997	0.7050	0.7962
η /(mPa s)	0.5133	0.5324	0.5513	0.5742	0.5915	0.6109	0.6272	0.6447	0.6581
x_2	0.9000		1.0000						
η /(mPa s)	0.6521	0.6231							

462 **CHCl₃ (1)** **trichloromethane** **67-66-3**
 C₈H₈O (2) **1-phenyl-ethanone** **98-86-2**

$T/^\circ\text{C} = 25.0$	14S1								
x_2	0.0000	0.0992	0.3370	0.5010	0.7125	0.8875	1.0000		
η /(mPa s)	0.550	0.655	0.915	1.107	1.352	1.530	1.645		

463 **CHCl₃ (1)** **trichloromethane** **67-66-3**

	C₈H₁₀O (2)		ethoxybenzene						103-73-1
$T/^\circ\text{C} = 20.0$									25W3
x_2	0.3333	0.4000	0.5000	0.6666	1.0000				
η/η_{water}	8.91	9.24	9.54	10.31	12.34				
$T/^\circ\text{C} = 0.0$									14S1
x_2	0.0000	0.0909	0.3238	0.4818	0.8009	1.0000			
$\eta/(\text{mPa s})$	0.709	0.808	1.039	1.183	1.602	1.883			
464	CHCl₃ (1)		trichloromethane						67-66-3
	C₈H₁₁N (2)		N,N-dimethyl-aniline						121-69-7
$T/^\circ\text{C} = 30.0$									84K1
x_2	0.0000	0.1062	0.1977	0.2990	0.3997	0.5001	0.5988	0.6981	0.8016
$\eta/(\text{mPa s})$	0.513	0.640	0.733	0.811	0.881	0.944	1.003	1.056	1.101
x_2	0.8996	1.0000							
$\eta/(\text{mPa s})$	1.134	1.160							
$T/^\circ\text{C} = 25.0$									39D1
w_1	0.0000	0.1535	0.2911	0.4040	0.5200	0.6009	0.6928	0.8559	0.9289
$\eta/(\text{mPa s})$	1.302	1.195	1.093	1.006	0.914	0.848	0.775	0.645	0.590
w_1	1.0000								
$\eta/(\text{mPa s})$	0.537								
$T/^\circ\text{C} = 40.0$									39D1
w_1	0.0000	0.1439	0.3375	0.5024	0.6417	0.7750	0.8935	1.0000	
$\eta/(\text{mPa s})$	1.041	0.966	0.861	0.765	0.682	0.602	0.528	0.465	
465	CHCl₃ (1)		trichloromethane						67-66-3
	C₈H₁₈O₃ (2)		2-(2-butoxy-ethoxy)-ethanol						112-34-5
$T/\text{K} = 298.15$									98P2
x_2	0.0000	0.0036	0.0130	0.0198	0.0347	0.0576	0.0854	0.1232	0.1802
$\eta/(\text{mPa s})$	0.532	0.538	0.559	0.572	0.607	0.674	0.755	0.882	1.118
x_2	0.2156	0.2883	0.3513	0.4270	0.4860	0.5390	0.6168	0.6945	0.7358
$\eta/(\text{mPa s})$	1.281	1.650	2.010	2.460	2.828	3.148	3.591	4.021	4.190
x_2	0.7844	0.8159	0.8590	0.9079	0.9400	0.9514	0.9582	0.9656	0.9946
$\eta/(\text{mPa s})$	4.415	4.545	4.758	4.913	5.021	5.040	5.061	5.083	5.185
x_2	1.0000								
$\eta/(\text{mPa s})$	5.232								
466	CHCl₃ (1)		trichloromethane						67-66-3
	C₈H₁₉N (2)		dibutylamine						111-92-2

$T/K = 298.15$										92A1
x_2	0.1020	0.1990	0.3088	0.3714	0.4997	0.6082	0.6980	0.7719	0.9007	
$\eta /(\text{mPa s})$	0.639	0.717	0.803	0.845	0.904	0.925	0.907	0.890	0.852	
467	CHCl₃ (1) C₁₂H₁₀O (2)	trichloromethane diphenyl ether								67-66-3 101-84-8
$T/^\circ\text{C} = 25.0$										14S1
x_2	0.0000	0.1830	0.4304	0.6864	1.0000					
$\eta /(\text{mPa s})$	0.538	0.830	1.39	2.22	3.66					
468	CHCl₃ (1) C₅₇H₁₀₄O₆ (2)	trichloromethane cis-octadec-9-enoic acid 1,2,3-propanetriyl ester								67-66-3 122-32-7
$T/^\circ\text{C} = 10.0$										95E3
x_2	0.0000	0.000728	0.000907	0.002440	0.004913	0.007824	0.013218	0.016719	0.0308	
$\eta /(\text{mPa s})$	0.6293	0.6499	0.6541	0.7086	0.7776	0.9175	1.1754	1.2680	2.0212	
$T/^\circ\text{C} = 15.0$										95E3
x_2	0.0000	0.000728	0.000907	0.002440	0.004913	0.007824	0.013218	0.016719	0.0308	
$\eta /(\text{mPa s})$	0.5962	0.6156	0.6196	0.6703	0.7347	0.8628	1.0999	1.1865	1.8640	
$T/^\circ\text{C} = 20.0$										95E3
x_2	0.0000	0.000728	0.000907	0.002440	0.004913	0.007824	0.013218	0.016719	0.0308	
$\eta /(\text{mPa s})$	0.5659	0.5839	0.5875	0.6352	0.6950	0.8133	1.0317	1.1088	1.7329	
$T/^\circ\text{C} = 25.0$										95E3
x_2	0.0000	0.000728	0.000907	0.002440	0.004913	0.007824	0.013218	0.016719	0.0308	
$\eta /(\text{mPa s})$	0.5378	0.5545	0.5581	0.6030	0.6576	0.7684	0.9701	1.0417	1.5845	
$T/^\circ\text{C} = 30.0$										95E3
x_2	0.0000	0.000728	0.000907	0.002440	0.004913	0.007824	0.013218	0.016719	0.0308	
$\eta /(\text{mPa s})$	0.5119	0.5275	0.5306	0.5725	0.6237	0.7270	0.9137	0.9804	1.4740	
469	CH₂Cl₂ (1) CH₄O (2)	dichloromethane methanol								75-09-2 67-56-1
$T/K = 303.15$										96Z1
x_2	0.0000	0.0752	0.1326	0.1509	0.2315	0.3029	0.3740	0.4070	0.5161	
$\eta /(\text{mPa s})$	0.3996	0.3905	0.3907	0.3917	0.3988	0.4078	0.4200	0.4262	0.4475	
x_2	0.6525	0.7656	0.8581	0.9182	0.9595	0.9854	1.0000			
$\eta /(\text{mPa s})$	0.4738	0.4932	0.5043	0.5081	0.5087	0.5071	0.5058			
470	CH₂Cl₂ (1) C₂H₃ClF₂ (2)	dichloromethane 1-chloro-1,1-difluoro-ethane								75-09-2 75-68-3

$T/^\circ\text{C} = -55.0$									80L1
x_1	0.0000	0.2512	0.4816	0.7405	0.7548				
$\eta /(\text{mPa s})$	0.622	0.674	0.761	0.888	0.898				
$T/^\circ\text{C} = -50.0$									80L1
x_1	0.0000	0.2512	0.4816	0.6872	0.7206	0.7405	0.7548		
$\eta /(\text{mPa s})$	0.582	0.638	0.717	0.801	0.807	0.836	0.841		
$T/^\circ\text{C} = -45.0$									80L1
x_1	0.0000	0.2512	0.4816	0.6872	0.7206	0.7405	0.7548	1.0000	
$\eta /(\text{mPa s})$	0.550	0.602	0.675	0.757	0.755	0.780	0.788	0.928	
$T/^\circ\text{C} = -40.0$									80L1
x_1	0.0000	0.2512	0.4816	0.6872	0.7206	0.7405	0.7548	1.0000	
$\eta /(\text{mPa s})$	0.526	0.572	0.637	0.711	0.725	0.736	0.739	0.870	
$T/^\circ\text{C} = -35.0$									80L1
x_1	0.0000	0.2512	0.4816	0.6872	0.7206	0.7405	0.7548	1.0000	
$\eta /(\text{mPa s})$	0.496	0.542	0.602	0.670	0.684	0.690	0.696	0.820	
$T/^\circ\text{C} = -30.0$									80L1
x_1	0.0000	0.2512	0.4816	0.6872	0.7405	0.7548	1.0000		
$\eta /(\text{mPa s})$	0.472	0.515	0.570	0.633	0.651	0.657	0.768		
$T/^\circ\text{C} = -25.0$									80L1
x_1	0.0000	0.2512	0.4816	0.6872	0.7405	0.7548	1.0000		
$\eta /(\text{mPa s})$	0.449	0.492	0.542	0.599	0.616	0.621	0.724		
$T/^\circ\text{C} = -20.0$									80L1
x_1	0.0000	0.2512	0.4816	0.6872	0.7405	0.7548	1.0000		
$\eta /(\text{mPa s})$	0.427	0.470	0.517	0.568	0.585	0.589	0.677		
$T/^\circ\text{C} = -15.0$									80L1
x_1	0.0000	0.2512	0.4816	0.7405	0.7548	1.0000			
$\eta /(\text{mPa s})$	0.411	0.449	0.492	0.556	0.561	0.635			
471	CH₂Cl₂ (1)		dichloromethane					75-09-2	
	C₂H₄Cl₂ (2)		1,2-dichloro-ethane					107-06-2	
$T/\text{K} = 303.15$									97Z1
x_2	0.0000	0.0618	0.1258	0.2132	0.3029	0.4190	0.5226	0.6033	0.6919
$\eta /(\text{mPa s})$	0.3929	0.4080	0.4242	0.4486	0.4740	0.5092	0.5436	0.5714	0.6034
x_2	0.7998	0.8933	0.9517	1.0000					
$\eta /(\text{mPa s})$	0.6445	0.6822	0.7068	0.7275					
472	CH₂Cl₂ (1)		dichloromethane					75-09-2	
	C₂H₆O (2)		ethanol					64-17-5	

$T/K = 303.15$										96Z1
x_2	0.0000	0.0625	0.1074	0.1915	0.2935	0.4162	0.5331	0.6811	0.7823	
$\eta /(\text{mPa s})$	0.3996	0.3950	0.3980	0.4103	0.4387	0.4914	0.5595	0.6721	0.7670	
x_2	0.8482	0.9067	0.9571	1.0000						
$\eta /(\text{mPa s})$	0.8337	0.8949	0.9476	0.9925						
473	CH₂Cl₂ (1) C₃H₆O₃ (2)	dichloromethane carbonic acid dimethyl ester						75-09-2 616-38-6		
$T/K = 298.15$										98A4
x_2	0.0000	0.0957	0.2018	0.3029	0.3958	0.5009	0.5996	0.6992	0.7599	
$\eta /(\text{mPa s})$	0.380	0.400	0.423	0.441	0.458	0.472	0.485	0.495	0.500	
x_2	0.9005	1.0000								
$\eta /(\text{mPa s})$	0.520	0.534								
$T/K = 303.15$										98A4
x_2	0.0000	0.0957	0.2018	0.3029	0.3958	0.5009	0.5996	0.6992	0.7599	
$\eta /(\text{mPa s})$	0.369	0.384	0.400	0.419	0.431	0.447	0.461	0.470	0.478	
x_2	0.9005	1.0000								
$\eta /(\text{mPa s})$	0.490	0.503								
$T/K = 308.15$										98A4
x_2	0.0000	0.0957	0.2018	0.3029	0.3958	0.5009	0.5996	0.6992	0.7599	
$\eta /(\text{mPa s})$	0.362	0.374	0.385	0.399	0.409	0.420	0.430	0.440	0.448	
x_2	0.9005	1.0000								
$\eta /(\text{mPa s})$	0.461	0.474								
474	CH₂Cl₂ (1) C₃H₈O (2)	dichloromethane propan-1-ol						75-09-2 71-23-8		
$T/K = 303.15$										96Z1
x_2	0.0000	0.0434	0.0863	0.1371	0.1943	0.2863	0.3859	0.4983	0.5806	
$\eta /(\text{mPa s})$	0.3996	0.4010	0.4085	0.4230	0.4450	0.4936	0.5655	0.6748	0.7794	
x_2	0.7402	0.8280	0.9016	0.9459	1.0000					
$\eta /(\text{mPa s})$	1.0588	1.2568	1.4472	1.5700	1.7268					
475	CH₂Cl₂ (1) C₃H₈O (2)	dichloromethane propan-2-ol						75-09-2 67-63-0		
$T/^\circ\text{C} = 20.0$										87Z2
x_2	0.0000	0.0992	0.2021	0.2990	0.3974	0.5520	0.5957	0.6514	0.8003	
$\eta /(\text{mPa s})$	0.418	0.435	0.457	0.491	0.548	0.680	0.740	0.825	1.160	
x_2	0.8515	0.8970	0.9240	0.9482	0.9750	1.0000				

η /(mPa s)	1.321	1.515	1.619	1.742	1.912	2.061			
476	CH₂Cl₂ (1) C₄H₈O (2)		dichloromethane butan-2-one					75-09-2 78-93-3	
$T/K = 303.15$									92N2
x_2	0.0000	0.0732	0.1158	0.1571	0.1843	0.2142	0.2707	0.3086	0.3212
η /(mPa s)	0.393	0.397	0.399	0.400	0.400	0.400	0.401	0.403	0.403
x_2	0.3630	0.4081	0.4198	0.4443	0.4750	0.4772	0.5204	0.5724	0.6168
η /(mPa s)	0.402	0.402	0.403	0.403	0.402	0.403	0.401	0.400	0.399
x_2	0.6643	0.7945	0.8373	0.8613	0.9157	0.9633	1.0000		
η /(mPa s)	0.395	0.387	0.382	0.380	0.373	0.367	0.363		
477	CH₂Cl₂ (1) C₄H₈O (2)		dichloromethane tetrahydro-furan					75-09-2 109-99-9	
$T/K = 298.15$									96B3
x_1	0.0000	0.0981	0.2079	0.3064	0.3509	0.4032	0.4519	0.4994	0.5531
η /(mPa s)	0.457	0.455	0.454	0.453	0.432	0.451	0.450	0.449	0.447
x_1	0.5994	0.6477	0.6696	0.7556	0.7999	0.9011	1.0000		
η /(mPa s)	0.445	0.443	0.441	0.437	0.435	0.428	0.420		
478	CH₂Cl₂ (1) C₄H₁₀O (2)		dichloromethane butan-1-ol					75-09-2 71-36-3	
$T/K = 303.15$									96Z1
x_2	0.0000	0.0360	0.0601	0.1127	0.1672	0.3142	0.4391	0.5585	0.6635
η /(mPa s)	0.3996	0.4023	0.4082	0.4291	0.4596	0.5767	0.7209	0.9132	1.1430
x_2	0.7658	0.8429	0.9000	0.9566	1.0000				
η /(mPa s)	1.4278	1.6837	1.8902	2.1047	2.2719				
479	CH₂Cl₂ (1) C₄H₁₁N (2)		dichloromethane butylamine					75-09-2 109-73-9	
$T/^\circ\text{C} = 20.0$									90A1
x_2	0.0000	0.1020	0.1371	0.2306	0.3081	0.4350	0.5159	0.5926	
η /(mPa s)	0.435	0.441	0.443	0.448	0.452	0.460	0.466	0.471	
x_2	0.6971	0.8192	0.9041	1.0000					
η /(mPa s)	0.477	0.486	0.493	0.502					
$T/^\circ\text{C} = 25.0$									90A1
x_2	0.0000	0.1020	0.1371	0.2306	0.3081	0.4350	0.5159	0.5926	
η /(mPa s)	0.413	0.418	0.421	0.425	0.427	0.434	0.439	0.443	

x_2	0.6971	0.8192	0.9041	1.0000					
η /(mPa s)	0.446	0.454	0.457	0.465					
$T/^\circ\text{C} = 30.0$									
x_2	0.0000	0.1020	0.1371	0.2306	0.3081	0.4350	0.5159	0.5926	
η /(mPa s)	0.393	0.401	0.403	0.406	0.409	0.414	0.417	0.420	
x_2	0.6971	0.8192	0.9041	1.0000					
η /(mPa s)	0.424	0.429	0.433	0.442					
$T/^\circ\text{C} = 35.0$									
x_2	0.0000	0.1020	0.1371	0.2306	0.3081	0.4350	0.5159	0.5926	
η /(mPa s)	0.382	0.385	0.386	0.390	0.392	0.395	0.397	0.400	
x_2	0.6971	0.8192	0.9041	1.0000					
η /(mPa s)	0.402	0.405	0.408	0.413					
480	CH₂Cl₂ (1) C₅H₁₂ (2)		dichloromethane pentane						75-09-2 109-66-0
$T/\text{K} = 298.15$									
x_2	0.0000	0.1023	0.1992	0.3043	0.4032	0.5097	0.6030	0.6984	0.7991
η /(mPa s)	0.419	0.379	0.345	0.314	0.290	0.269	0.254	0.242	0.231
x_2	0.8858	0.9189	1.0000						
η /(mPa s)	0.224	0.221	0.218						
481	CH₂Cl₂ (1) C₆H₆ (2)		dichloromethane benzene						75-09-2 71-43-2
$T/\text{K} = 293.15$									
x_1	0.0992	0.1912	0.2958	0.3936	0.5017	0.5934	0.7251	0.7975	0.8986
η^E /(mPa s)	-0.007	-0.016	-0.011	-0.022	-0.025	-0.025	-0.024	-0.016	-0.011
$T/\text{K} = 303.15$									
x_1	0.0930	0.1925	0.2940	0.3961	0.4915	0.5927	0.6995	0.7955	0.8981
η^E /(mPa s)	-0.007	-0.011	-0.013	-0.015	-0.020	-0.016	-0.017	-0.011	-0.006
$T/\text{K} = 293.15$									
x_1	0.000	0.078	0.161	0.248	0.335	0.434	0.535	0.671	0.754
η /(mPa s)	0.644	0.614	0.589	0.564	0.537	0.511	0.492	0.476	0.461
x_1	0.874	1.000							
η /(mPa s)	0.451	0.441							
$T/\text{K} = 303.15$									
x_1	0.000	0.078	0.161	0.248	0.335	0.434	0.535	0.671	0.754
η /(mPa s)	0.564	0.543	0.523	0.503	0.483	0.460	0.448	0.427	0.417
x_1	0.874	1.000							
η /(mPa s)	0.403	0.393							

$T/^\circ\text{C} = 25.0$										86P4
x_1	0.0000	0.0988	0.2005	0.3004	0.3982	0.5007	0.6000	0.6992	0.8004	
$\eta/(\text{mPa s})$	0.604	0.582	0.559	0.536	0.514	0.493	0.475	0.459	0.444	
x_1	0.9000	1.0000								
$\eta/(\text{mPa s})$	0.429	0.414								
$T/^\circ\text{C} = 20.0$										71N1
x_1	0.1454	0.2590	0.3662	0.4451	0.5158	0.5932	0.6593	0.7140	0.7640	
$\eta/(\text{mPa s})$	0.591	0.559	0.531	0.513	0.498	0.484	0.471	0.463	0.456	
$T/^\circ\text{C} = 25.0$										71N1
x_1	0.2149	0.2959	0.3817	0.4921	0.5445	0.5957	0.6358	0.6923		
$\eta/(\text{mPa s})$	0.535	0.514	0.497	0.477	0.466	0.458	0.452	0.445		
$T/^\circ\text{C} = 30.0$										71N1
x_1	0.1659	0.2665	0.3831	0.4907	0.5944	0.6777	0.7557	0.8164		
$\eta/(\text{mPa s})$	0.516	0.494	0.468	0.446	0.429	0.419	0.412	0.406		
482	CH₂Cl₂ (1)		dichloromethane							75-09-2
	C₆H₁₀O (2)		cyclohexanone							108-94-1
$T/\text{K} = 303.15$										98N1
x_2	0.0000	0.0326	0.0617	0.1031	0.1359	0.1746	0.2127	0.2475	0.2956	
$\nu/(\text{mm}^2/\text{s})$	0.301	0.325	0.350	0.380	0.411	0.442	0.477	0.510	0.564	
x_2	0.3301	0.3977	0.4474	0.4892	0.5423	0.5938	0.6554	0.7128	0.7824	
$\nu/(\text{mm}^2/\text{s})$	0.596	0.682	0.747	0.811	0.887	0.980	1.090	1.198	1.355	
x_2	0.8528	0.9154	1.0000							
$\nu/(\text{mm}^2/\text{s})$	1.520	1.685	1.925							
483	CH₂Cl₂ (1)		dichloromethane							75-09-2
	C₆H₁₂ (2)		cyclohexane							110-82-7
$T/\text{K} = 293.15$										95Y2
x_1	0.0986	0.1979	0.2980	0.4011	0.5016	0.5987	0.6999	0.7978	0.9005	
$\eta^E/(\text{mPa s})$	-0.039	-0.067	-0.100	-0.106	-0.107	-0.107	-0.104	-0.086	-0.040	
$T/\text{K} = 303.15$										95Y2
x_1	0.0963	0.1940	0.2932	0.3983	0.4968	0.5975	0.6971	0.7997	0.8954	
$\eta^E/(\text{mPa s})$	-0.023	-0.035	-0.045	-0.052	-0.052	-0.054	-0.044	-0.032	-0.022	
$T/\text{K} = 293.15$										94Y1
x_1	0.000	0.061	0.128	0.201	0.281	0.370	0.469	0.579	0.701	
$\eta/(\text{mPa s})$	0.966	0.885	0.809	0.730	0.659	0.597	0.545	0.495	0.461	
x_1	0.841	1.000								

η /(mPa s)	0.438	0.441							
T /K = 303.15									94Y1
x_1	0.000	0.061	0.128	0.201	0.281	0.370	0.469	0.579	0.701
η /(mPa s)	0.820	0.763	0.710	0.660	0.604	0.565	0.508	0.470	0.447
x_1	0.841	1.000							
η /(mPa s)	0.418	0.393							
484	CH₂Cl₂ (1) C₆H₁₄ (2)		dichloromethane hexane						75-09-2 110-54-3
T /K = 298.15									96B3
x_2	0.0000	0.1331	0.2381	0.3208	0.3873	0.4407	0.4419	0.4746	0.4862
η /(mPa s)	0.420	0.386	0.367	0.354	0.346	0.340	0.340	0.335	0.335
x_2	0.5144	0.5244	0.5599	0.6138	0.6791	0.7601	0.8633	1.0000	
η /(mPa s)	0.333	0.332	0.329	0.324	0.320	0.314	0.308	0.294	
485	CH₂Cl₂ (1) C₆H₁₄O₂ (2)		dichloromethane 2-butoxy-ethanol						75-09-2 111-76-2
T /K = 298.15									97P1
x_2	0.0000	0.0035	0.0112	0.0303	0.0521	0.1008	0.1533	0.2175	0.2930
η /(mPa s)	0.406	0.408	0.413	0.430	0.451	0.503	0.578	0.671	0.807
x_2	0.3620	0.4346	0.5707	0.6642	0.7875	0.9049	0.9815	1.0000	
η /(mPa s)	0.943	1.110	1.482	1.753	2.148	2.525	2.770	2.836	
486	CH₂Cl₂ (1) C₆H₁₄O₃ (2)		dichloromethane 1-methoxy-2-(2-methoxy-ethoxy)-ethane						75-09-2 111-96-6
T /K = 298.15									94H1
x_2	0.0000	0.0970	0.1505	0.2008	0.2942	0.3997	0.4508	0.5008	0.5555
η /(mPa s)	0.410	0.543	0.593	0.636	0.711	0.790	0.817	0.843	0.870
x_2	0.5980	0.6948	0.7543	0.8003	0.8967	0.9205	1.0000		
η /(mPa s)	0.891	0.921	0.938	0.955	0.975	0.980	0.981		
487	CH₂Cl₂ (1) C₇H₈ (2)		dichloromethane toluene						75-09-2 108-88-3
T /°C = 25.0									86P4
x_1	0.0000	0.1006	0.1982	0.3011	0.3993	0.4999	0.6010	0.6996	0.7994
η /(mPa s)	0.552	0.537	0.519	0.501	0.484	0.468	0.455	0.439	0.438
x_1	0.8990	1.0000							
η /(mPa s)	0.425	0.414							

$T/^\circ\text{C} = 20.0$										71N1
x_1	0.1635	0.3002	0.4025	0.4771	0.5025	0.5801	0.5919	0.6750	0.7431	
$\eta /(\text{mPa s})$	0.564	0.543	0.528	0.517	0.511	0.498	0.496	0.479	0.468	
$T/^\circ\text{C} = 25.0$										71N1
x_1	0.2198	0.3271	0.4201	0.5108	0.5701	0.6325	0.6841	0.7201	0.7501	
$\eta /(\text{mPa s})$	0.525	0.510	0.497	0.480	0.472	0.462	0.455	0.450	0.447	
$T/^\circ\text{C} = 30.0$										71N1
x_1	0.2180	0.3331	0.4402	0.5223	0.6191	0.6940	0.7651	0.8053		
$\eta /(\text{mPa s})$	0.497	0.481	0.467	0.450	0.435	0.424	0.415	0.412		
488	CH_2Cl_2 (1)		dichloromethane							75-09-2
	$\text{C}_7\text{H}_8\text{O}$ (2)		methoxybenzene							100-66-3
$T/\text{K} = 303.15$										92N1
x_2	0.0000	0.0690	0.3210	0.3570	0.4045	0.6109	0.6580	0.8807	1.0000	
$\eta /(\text{mPa s})$	0.394	0.425	0.527	0.540	0.567	0.665	0.688	0.820	0.915	
489	CH_2Cl_2 (1)		dichloromethane							75-09-2
	C_8H_{10} (2)		1,2-dimethyl-benzene							95-47-6
$T/^\circ\text{C} = 20.0$										71N1
x_1	0.3503	0.4307	0.4992	0.5657	0.6558	0.7632	0.8524			
$\eta /(\text{mPa s})$	0.679	0.648	0.623	0.594	0.561	0.521	0.490			
$T/^\circ\text{C} = 25.0$										71N1
x_1	0.2305	0.3611	0.4490	0.5343	0.6293	0.6960	0.7684	0.8260	0.8658	
$\eta /(\text{mPa s})$	0.677	0.634	0.602	0.572	0.542	0.519	0.494	0.476	0.465	
$T/^\circ\text{C} = 30.0$										71N1
x_1	0.2360	0.3688	0.4846	0.5645	0.6373	0.7091	0.7766	0.8368	0.8610	
$\eta /(\text{mPa s})$	0.644	0.602	0.561	0.531	0.507	0.483	0.462	0.444	0.437	
490	CH_2Cl_2 (1)		dichloromethane							75-09-2
	C_8H_{10} (2)		1,3-dimethyl-benzene							108-38-3
$T/^\circ\text{C} = 20.0$										71N1
x_1	0.2258	0.4249	0.4896	0.5542	0.6288	0.7690	0.8151			
$\eta /(\text{mPa s})$	0.583	0.553	0.541	0.528	0.512	0.482	0.472			
$T/^\circ\text{C} = 25.0$										71N1
x_1	0.2398	0.4075	0.4997	0.5622	0.6288	0.6891	0.7634	0.8183	0.8586	
$\eta /(\text{mPa s})$	0.550	0.527	0.511	0.501	0.485	0.474	0.461	0.451	0.446	
$T/^\circ\text{C} = 30.0$										71N1

x_1	0.3947	0.4925	0.5836	0.6551	0.7164	0.7934	0.8418	0.8669	
η /(mPa s)	0.501	0.483	0.466	0.453	0.441	0.428	0.421	0.417	
491	CH₂Cl₂ (1) C₈H₁₀ (2)		dichloromethane 1,4-dimethyl-benzene						75-09-2 106-42-3
T /K = 293.15									95Y2
x_1	0.0945	0.1991	0.2969	0.3939	0.4997	0.5971	0.6814	0.7962	0.8985
η^E /(mPa s)	-0.009	-0.016	-0.022	-0.020	-0.019	-0.018	-0.023	-0.017	-0.011
T /K = 303.15									95Y2
x_1	0.0990	0.1888	0.2906	0.3898	0.4894	0.5984	0.6964	0.7963	0.8961
η^E /(mPa s)	0.006	0.011	0.014	0.019	0.019	0.022	0.020	0.013	0.007
T /K = 293.15									94Y1
x_1	0.000	0.058	0.115	0.182	0.258	0.342	0.430	0.549	0.676
η /(mPa s)	0.648	0.623	0.603	0.576	0.557	0.531	0.513	0.487	0.466
x_1	0.824	1.000							
η /(mPa s)	0.451	0.441							
T /K = 303.15									94Y1
x_1	0.000	0.058	0.115	0.182	0.258	0.342	0.430	0.549	0.676
η /(mPa s)	0.570	0.560	0.550	0.535	0.523	0.505	0.494	0.473	0.448
x_1	0.824	1.000							
η /(mPa s)	0.425	0.393							
T /°C = 20.0									71N1
x_1	0.2949	0.4409	0.5522	0.6090	0.6936	0.7459	0.8125	0.8558	
η /(mPa s)	0.590	0.561	0.535	0.522	0.504	0.492	0.476	0.468	
T /°C = 25.0									71N1
x_1	0.2347	0.3846	0.4518	0.5662	0.6375	0.6972	0.7342	0.7892	0.8376
η /(mPa s)	0.568	0.541	0.529	0.504	0.488	0.476	0.467	0.457	0.451
T /°C = 30.0									71N1
x_1	0.2286	0.3627	0.4362	0.5371	0.6240	0.6948	0.7643	0.8180	
η /(mPa s)	0.539	0.515	0.502	0.483	0.463	0.448	0.433	0.427	
492	CH₂Cl₂ (1) C₈H₁₁N (2)		dichloromethane N,N-dimethyl-aniline						75-09-2 121-69-7
T /°C = 30.0									84K1
x_2	0.0000	0.1003	0.2001	0.2992	0.3991	0.5002	0.5995	0.6982	0.7989
η /(mPa s)	0.391	0.467	0.538	0.619	0.684	0.756	0.814	0.893	1.002
x_2	0.9001	1.0000							
η /(mPa s)	1.074	1.160							

$T/^\circ\text{C} = 0.0$										39D1
w_1	0.0000	0.1848	0.3767	0.5733	0.7983	1.0000				
$\eta/(\text{mPa s})$	2.072	1.562	1.167	0.893	0.675	0.531				
$T/^\circ\text{C} = 25.0$										39D1
w_1	0.0000	0.1385	0.2637	0.3792	0.4968	0.5900	0.6878	0.7678	0.8412	
$\eta/(\text{mPa s})$	1.302	1.090	0.935	0.815	0.712	0.641	0.578	0.532	0.491	
w_1	1.0000									
$\eta/(\text{mPa s})$	0.414									
493	CH₂Cl₂ (1)		dichloromethane							75-09-2
	C₈H₁₈O₃ (2)		2-(2-butoxy-ethoxy)-ethanol							112-34-5
$T/\text{K} = 298.15$										98P2
x_2	0.0000	0.0047	0.0120	0.0200	0.0388	0.0685	0.1079	0.1533	0.1882	
$\eta/(\text{mPa s})$	0.406	0.418	0.433	0.448	0.480	0.560	0.649	0.780	0.907	
x_2	0.2206	0.2751	0.3166	0.3515	0.3970	0.4383	0.4759	0.5118	0.5496	
$\eta/(\text{mPa s})$	1.028	1.226	1.409	1.576	1.807	2.028	2.224	2.425	2.627	
x_2	0.6026	0.6535	0.7124	0.7606	0.8051	0.8540	0.9019	0.9342	0.9731	
$\eta/(\text{mPa s})$	2.965	3.267	3.628	3.893	4.163	4.458	4.724	4.893	5.104	
x_2	1.0000									
$\eta/(\text{mPa s})$	5.232									
494	CH₂Cl₂ (1)		dichloromethane							75-09-2
	C₈H₁₉N (2)		dibutylamine							111-92-2
$T/\text{K} = 298.15$										92A1
x_2	0.0995	0.2125	0.2990	0.3913	0.4338	0.6097	0.6782	0.8070	0.8865	
$\eta/(\text{mPa s})$	0.494	0.550	0.590	0.633	0.650	0.719	0.740	0.768	0.787	
495	CH₂Cl₂ (1)		dichloromethane							75-09-2
	C₉H₁₂ (2)		1,3,5-trimethyl-benzene							108-67-8
$T/\text{K} = 293.15$										95Y2
x_1	0.0940	0.1958	0.2959	0.3940	0.4963	0.6030	0.6972	0.7985	0.8989	
$\eta^E/(\text{mPa s})$	0.001	0.005	0.008	0.008	0.010	0.010	0.007	0.004	0.001	
$T/\text{K} = 303.15$										95Y2
x_1	0.0996	0.1914	0.2812	0.3796	0.4944	0.5941	0.6978	0.7950	0.8970	
$\eta^E/(\text{mPa s})$	0.009	0.015	0.020	0.026	0.032	0.034	0.031	0.024	0.012	
$T/\text{K} = 293.15$										94Y1
x_1	0.000	0.049	0.103	0.165	0.235	0.315	0.408	0.518	0.648	

η /(mPa s)	0.692	0.675	0.658	0.640	0.617	0.592	0.564	0.538	0.511
x_1	0.805	1.000							
η /(mPa s)	0.472	0.441							
T /K = 303.15									94Y1
x_1	0.000	0.049	0.103	0.165	0.235	0.315	0.408	0.518	0.648
η /(mPa s)	0.610	0.600	0.587	0.573	0.557	0.540	0.522	0.497	0.467
x_1	0.805	1.000							
η /(mPa s)	0.434	0.393							
496	CH₂F₂ (1) C₂HF₅ (2)		difluoromethane 1,1,2,2,2-pentafluoro-ethane						75-10-5 354-33-6
T /°C = -50.0									96H1
w_2	0.000	0.247	0.490	0.744	1.000				
η /(mPa s)	0.2662	0.2862	0.3084	0.3503	0.4035				
T /°C = -30.0									96H1
w_2	0.000	0.247	0.490	0.744	1.000				
η /(mPa s)	0.2093	0.2249	0.2403	0.2696	0.2997				
T /°C = -10.0									96H1
w_2	0.000	0.247	0.490	0.744	1.000				
η /(mPa s)	0.1756	0.1798	0.1903	0.2061	0.2339				
T /°C = 10.0									96H1
w_2	0.000	0.247	0.490	0.744	1.000				
η /(mPa s)	0.1346	0.1421	0.1499	0.1622	0.1753				
T /°C = 25.0									96H1
w_2	0.247	0.490	0.744						
η /(mPa s)	0.1189	0.1224	0.1296						
T /°C = 40.0									96H1
w_2	0.000	0.247	0.490	0.744	1.000				
η /(mPa s)	0.0921	0.0956	0.0980	0.1041	0.1121				
T /°C = 60.0									96H1
w_2	0.000	0.490	0.744	1.000					
η /(mPa s)	0.0690	0.0736	0.0767	0.0790					
497	CH₂F₂ (1) C₂H₂F₄ (2)		difluoromethane 1,1,1,2-tetrafluoro-ethane						75-10-5 811-97-2
T /°C = -50.0									96H1
w_2	0.000	0.245	0.518	0.756	1.000				
η /(mPa s)	0.2662	0.2909	0.3496	0.4168	0.5441				

$T/^\circ\text{C} = -30.0$						96H1
w_2	0.000	0.245	0.518	0.756	1.000	
$\eta /(\text{mPa s})$	0.2093	0.2402	0.2734	0.3149	0.4045	
$T/^\circ\text{C} = -10.0$						96H1
w_2	0.000	0.245	0.518	0.756	1.000	
$\eta /(\text{mPa s})$	0.1756	0.1887	0.2148	0.2526	0.3106	
$T/^\circ\text{C} = 10.0$						96H1
w_2	0.000	0.245	0.518	0.756	1.000	
$\eta /(\text{mPa s})$	0.1346	0.1503	0.1669	0.1944	0.2394	
$T/^\circ\text{C} = 25.0$						96H1
w_2	0.245	0.518	0.756			
$\eta /(\text{mPa s})$	0.1245	0.1386	0.1603			
$T/^\circ\text{C} = 40.0$						96H1
w_2	0.000	0.245	0.518	0.756	1.000	
$\eta /(\text{mPa s})$	0.0921	0.1035	0.1158	0.1298	0.1611	
$T/^\circ\text{C} = 60.0$						96H1
w_2	0.000	0.245	0.518	0.756	1.000	
$\eta /(\text{mPa s})$	0.0690	0.0767	0.0860	0.1009	0.1248	

498 **CH₂O₂ (1)** **formic acid** **64-18-6**
CH₃NO (2) **formamide** **75-12-7**

$T/^\circ\text{C} = 25.0$										14M1
x_2	0.0000	0.1000	0.2005	0.3015	0.4000	0.5002	0.6001	0.7000	0.8001	
$\eta /(\text{mPa s})$	1.599	1.946	2.316	2.557	2.850	3.057	3.196	3.286	3.314	
x_2	0.9000	1.0000								
$\eta /(\text{mPa s})$	3.341	3.359								
$T/^\circ\text{C} = 40.0$										14M1
x_2	0.0000	0.1000	0.2005	0.3015	0.4000	0.5002	0.6001	0.7000	0.8001	
$\eta /(\text{mPa s})$	1.201	1.429	1.685	1.849	2.065	2.230	2.310	2.342	2.355	
x_2	0.9000	1.0000								
$\eta /(\text{mPa s})$	2.368	2.379								

499 **CH₂O₂ (1)** **formic acid** **64-18-6**
CH₄O (2) **methanol** **67-56-1**

$T/^\circ\text{C} = 30.0$										82R2
x_1	0.0000	0.0714	0.1463	0.2264	0.3137	0.4031	0.5060	0.6149	0.7328	
$\eta /(\text{mPa s})$	0.545	0.573	0.609	0.641	0.658	0.677	0.691	0.750	0.867	
x_1	0.8604	1.0000								
$\eta /(\text{mPa s})$	1.062	1.434								

500	CH₂O₂ (1) C₂H₃N (2)		formic acid acetonitrile						64-18-6 75-05-8
$T/^\circ\text{C} = 30.0$									82R2
x_1	0.0000	0.0912	0.1824	0.2772	0.3728	0.4721	0.5735	0.6751	0.7806
$\eta/(\text{mPa s})$	0.353	0.386	0.422	0.468	0.523	0.597	0.691	0.801	0.962
x_1	0.8891	1.0000							
$\eta/(\text{mPa s})$	1.166	1.434							
501	CH₂O₂ (1) C₂H₄O₂ (2)		formic acid acetic acid						64-18-6 64-19-7
$T/^\circ\text{C} = 20.0$									56S1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
$\eta/(\text{mPa s})$	1.23	1.23	1.22	1.22	1.21	1.21	1.21	1.196	1.196
$T/^\circ\text{C} = 50.0$									56S1
w_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
$\eta/(\text{mPa s})$	0.91	0.905	0.894	0.884	0.884	0.884	0.853	0.853	0.837
$T/^\circ\text{C} = 0.0$									47U1
x_1	0.0603	0.2363	0.4165	0.6130	0.7416	0.8864	0.9578	1.0000	
$\eta/(\text{mPa s})$	1.7698	2.1653	2.5025	2.7450	2.8557	2.8644	2.9069	2.8210	
$T/^\circ\text{C} = 25.0$									47U1
x_1	0.0000	0.0603	0.2363	0.4165	0.6130	0.7416	0.8864	0.9578	1.0000
$\eta/(\text{mPa s})$	1.0858	1.1186	1.2779	1.4247	1.5205	1.5654	1.5652	1.5603	1.5372
$T/^\circ\text{C} = 50.0$									47U1
x_1	0.0000	0.0603	0.2363	0.4165	0.6130	0.7416	0.8864	0.9578	1.0000
$\eta/(\text{mPa s})$	0.7628	0.7729	0.8526	0.9226	0.9694	0.9847	0.9893	0.9775	0.9767
$T/^\circ\text{C} = 15.0$									15D1
φ_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	1.410	1.558	1.701	1.792	1.883	1.942	1.984	2.012	2.002
φ_1	0.90	1.00							
$\eta/(\text{mPa s})$	1.967	1.963							
$T/^\circ\text{C} = 25.0$									15D1
φ_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	1.174	1.286	1.391	1.463	1.506	1.564	1.587	1.607	1.607
φ_1	0.90	1.00							
$\eta/(\text{mPa s})$	1.582	1.571							
$T/^\circ\text{C} = 11.0$									14K1

x_2	0.000	0.227	0.500	0.687	1.000				
η / η_{water}	1.684	1.76	1.81	1.88	1.989				
$T / ^\circ\text{C} = 62.0$									14K1
x_2	0.000	0.227	0.500	0.687	1.000				
η / η_{water}	1.46	1.465	1.47	1.48	1.51				
502	CH₂O₂ (1) C₂H₅NO (2)		formic acid acetamide						64-18-6 60-35-5
$T / ^\circ\text{C} = 25.0$									55T2
x_2	0.0000	0.0981	0.1955	0.3008	0.3936	0.4885	0.5989	0.6526	1.0000
$\eta / (\text{mPa s})$	1.615	2.201	2.795	3.553	4.308	5.214	6.320	7.937	27.2
$T / ^\circ\text{C} = 40.0$									55T2
x_2	0.0000	0.0981	0.1955	0.3008	0.3936	0.4885	0.5989	0.6526	0.6996
$\eta / (\text{mPa s})$	1.222	1.574	1.990	2.460	2.921	3.414	3.962	4.667	5.163
x_2	0.7483	1.0000							
$\eta / (\text{mPa s})$	5.725	12.7							
503	CH₂O₂ (1) C₃H₆O (2)		formic acid propan-2-one						64-18-6 67-64-1
$T / ^\circ\text{C} = 25.0$									39U1
x_1	0.0000	0.1014	0.2068	0.2990	0.4009	0.4945	0.6083	0.6998	0.8014
$\eta / (\text{mPa s})$	0.3172	0.3575	0.4002	0.4482	0.5192	0.5972	0.7812	0.8622	1.0528
x_1	0.8947	1.0000							
$\eta / (\text{mPa s})$	1.2873	1.6271							
$T / ^\circ\text{C} = 35.0$									39U1
x_1	0.0000	0.1014	0.2068	0.2990	0.4009	0.4945	0.6083	0.6998	0.8014
$\eta / (\text{mPa s})$	0.2907	0.3251	0.3639	0.4063	0.4659	0.5315	0.6420	0.7455	0.9060
x_1	0.8947	1.0000							
$\eta / (\text{mPa s})$	1.0789	1.3043							
$T / ^\circ\text{C} = 45.0$									39U1
x_1	0.0000	0.1014	0.2068	0.2990	0.4009	0.4945	0.6083	0.6998	0.8014
$\eta / (\text{mPa s})$	0.2649	0.2954	0.3287	0.3657	0.4163	0.4726	0.5609	0.6457	0.7719
x_1	0.8947	1.0000							
$\eta / (\text{mPa s})$	0.9139	1.0887							
504	CH₂O₂ (1) C₃H₆O₂ (2)		formic acid formic acid ethyl ester						64-18-6 109-94-4
$T / ^\circ\text{C} = 0.0$									65F4

x_1	0.0	0.2	0.5	0.8	1.0				
$\eta /(\text{mPa s})$	0.529	0.625	0.900	1.500	2.821				
$T / ^\circ\text{C} = 50.0$									65F4
x_1	0.0	0.2	0.5	0.8	1.0				
$\eta /(\text{mPa s})$	0.308	0.355	0.468	0.675	0.977				
$T / ^\circ\text{C} = 0.0$									47U1
x_1	0.0000	0.0872	0.1493	0.2561	0.3668	0.4914	0.6444	0.7281	0.8355
$\eta /(\text{mPa s})$	0.5288	0.5474	0.5935	0.6635	0.7832	0.9008	1.1432	1.3417	1.7236
x_1	0.9102	1.0000							
$\eta /(\text{mPa s})$	2.1023	2.8210							
$T / ^\circ\text{C} = 25.0$									47U1
x_1	0.0000	0.0872	0.1493	0.2561	0.3668	0.4914	0.6444	0.7281	0.8355
$\eta /(\text{mPa s})$	0.3972	0.4170	0.4449	0.4940	0.5594	0.6244	0.7640	0.8692	1.0561
x_1	0.9102	1.0000							
$\eta /(\text{mPa s})$	1.2307	1.5372							
$T / ^\circ\text{C} = 50.0$									47U1
x_1	0.0000	0.0872	0.1493	0.2561	0.3668	0.4914	0.6444	0.7281	0.8355
$\eta /(\text{mPa s})$	0.3080	0.3159	0.3455	0.3765	0.4342	0.4710	0.5550	0.6091	0.7249
x_1	0.9102	1.0000							
$\eta /(\text{mPa s})$	0.8182	0.9767							
505	CH₂O₂ (1) C₃H₇NO (2)		formic acid N,N-dimethyl-formamide						64-18-6 68-12-2
$T / ^\circ\text{C} = 30.0$									82R2
x_1	0.0000	0.1513	0.2841	0.4038	0.5138	0.6144	0.7043	0.7869	0.8657
$\eta /(\text{mPa s})$	0.758	0.848	0.986	1.164	1.318	1.445	1.532	1.584	1.576
x_1	0.9348	1.0000							
$\eta /(\text{mPa s})$	1.546	1.434							
506	CH₂O₂ (1) C₄H₈O (2)		formic acid butan-2-one						64-18-6 78-93-3
$T / ^\circ\text{C} = 25.0$									39U2
x_1	0.0000	0.1013	0.2016	0.3007	0.3962	0.4985	0.6020	0.7014	0.7972
$\eta /(\text{mPa s})$	0.3895	0.4271	0.4706	0.5282	0.5841	0.6726	0.7807	0.9125	1.0777
x_1	0.9011	1.0000							
$\eta /(\text{mPa s})$	1.3090	1.6271							
$T / ^\circ\text{C} = 35.0$									39U2
x_1	0.0000	0.1013	0.2016	0.3007	0.3962	0.4985	0.6020	0.7014	0.7972
$\eta /(\text{mPa s})$	0.3547	0.3863	0.4247	0.4703	0.5186	0.5915	0.6799	0.7870	0.9165

x_1	0.9011	1.0000							
η /(mPa s)	1.0954	1.3043							
$T/^\circ\text{C} = 45.0$									39U2
x_1	0.0000	0.1013	0.2016	0.3007	0.3962	0.4985	0.6020	0.7014	0.7972
η /(mPa s)	0.3213	0.3479	0.3801	0.4183	0.4580	0.5195	0.5896	0.6771	0.7866
x_1	0.9011	1.0000							
η /(mPa s)	0.9246	1.0887							
507	CH₂O₂ (1) C₄H₈O₂ (2)		formic acid acetic acid ethyl ester						64-18-6 141-78-6
$T/^\circ\text{C} = 25.0$									64F1
x_1	0.0000	0.1415	0.2639	0.3791	0.4886	0.6154	0.7084	0.7832	0.8454
η /(mPa s)	0.427	0.475	0.534	0.599	0.672	0.801	0.921	1.060	1.179
x_1	0.9226	1.0000							
η /(mPa s)	1.362	1.627							
$T/^\circ\text{C} = 50.0$									64F1
x_1	0.0000	0.1415	0.2639	0.3791	0.4886	0.6154	0.7084	0.7832	0.8454
η /(mPa s)	0.331	0.361	0.400	0.444	0.489	0.570	0.648	0.721	0.791
x_1	0.9226	1.0000							
η /(mPa s)	0.896	1.028							
508	CH₂O₂ (1) C₄H₈O₂ (2)		formic acid 1,4-dioxane						64-18-6 123-91-1
$T/^\circ\text{C} = 25.0$									64F1
x_1	0.0000	0.1959	0.3637	0.5300	0.6096	0.6939	0.7727	0.8551	0.9391
η /(mPa s)	1.188	1.240	1.307	1.399	1.456	1.539	1.666	1.692	1.682
x_1	1.0000								
η /(mPa s)	1.627								
$T/^\circ\text{C} = 50.0$									64F1
x_1	0.0000	0.1959	0.3637	0.5300	0.6096	0.6939	0.7727	0.8551	0.9391
η /(mPa s)	0.818	0.852	0.889	0.969	0.982	1.029	1.058	1.183	1.083
x_1	1.0000								
η /(mPa s)	1.028								
509	CH₂O₂ (1) C₄H₁₀O (2)		formic acid ethoxy-ethane						64-18-6 60-29-7
$T/^\circ\text{C} = 0.0$									47U1
x_1	0.0000	0.1398	0.2167	0.2395	0.3578	0.5265	0.6381	0.7275	0.8251

η /(mPa s)	0.2968	0.3594	0.3949	0.4013	0.4962	0.7036	0.9383	1.2192	1.6413
x_1	0.9203	1.0000							
η /(mPa s)	2.2110	2.8210							
$T/^\circ\text{C} = 25.0$									47U1
x_1	0.0000	0.1398	0.2167	0.2395	0.3578	0.5265	0.6381	0.7275	0.8251
η /(mPa s)	0.2461	0.2928	0.3107	0.3180	0.3776	0.5099	0.6531	0.8089	1.0251
x_1	0.9203	1.0000							
η /(mPa s)	1.3038	1.5372							
510	CH₂O₂ (1) C₅H₅N (2)		formic acid pyridine						64-18-6 110-86-1
$T/^\circ\text{C} = 25.0$									66S1
x_1	0.1033	0.2314	0.3034	0.4022	0.4985	0.5922	0.6900	0.7543	0.7996
η /(mPa s)	1.0584	1.2120	1.3623	1.7383	2.4484	3.7239	5.9489	7.0316	6.7881
x_1	0.8428	0.8975	0.9475						
η /(mPa s)	5.4121	3.9122	2.8180						
$T/^\circ\text{C} = 0.0$									47U1
x_1	0.0000	0.1605	0.3041	0.4426	0.5254	0.6438	0.7065	0.7478	
η /(mPa s)	1.3175	1.5030	1.9019	2.9520	4.4036	9.2552	13.0650	14.9672	
x_1	0.7762	0.8243	0.8859	0.9381	1.0000				
η /(mPa s)	14.9407	11.8319	7.6699	5.1561	2.8210				
$T/^\circ\text{C} = 25.0$									47U1
x_1	0.0000	0.1605	0.3041	0.4426	0.5254	0.6438	0.7065	0.7478	0.7762
η /(mPa s)	0.8850	0.9921	1.2348	1.7827	2.4141	4.2547	5.4764	6.1305	6.1610
x_1	0.8243	0.8859	0.9381	1.0000					
η /(mPa s)	5.3124	3.7784	2.6567	1.5372					
$T/^\circ\text{C} = 50.0$									47U1
x_1	0.0000	0.1605	0.3041	0.4426	0.5254	0.6438	0.7065	0.7478	0.7762
η /(mPa s)	0.6248	0.7018	0.8411	1.1539	1.5145	2.3474	2.8463	3.1428	3.2021
x_1	0.8243	0.8859	0.9381	1.0000					
η /(mPa s)	2.8727	2.1916	1.6164	0.9767					
511	CH₂O₂ (1) C₅H₁₀O (2)		formic acid pentan-2-one						64-18-6 107-87-9
$T/^\circ\text{C} = 25.0$									39U2
x_1	0.0000	0.1002	0.1998	0.3016	0.3992	0.4881	0.5974	0.7186	0.8392
η /(mPa s)	0.4673	0.5043	0.5479	0.6037	0.6689	0.7348	0.8418	1.0029	1.1983
x_1	0.8701	1.0000							
η /(mPa s)	1.2617	1.6271							

$T/^\circ\text{C} = 35.0$										39U2
x_1	0.0000	0.1002	0.1998	0.3016	0.3992	0.4881	0.5974	0.7186	0.8392	
$\eta /(\text{mPa s})$	0.4197	0.4519	0.4876	0.5327	0.5860	0.6424	0.7294	0.8532	1.0106	
x_1	0.8701	1.0000								
$\eta /(\text{mPa s})$	1.0583	1.3043								
$T/^\circ\text{C} = 45.0$										39U2
x_1	0.0000	0.1002	0.1998	0.3016	0.3992	0.4881	0.5974	0.7186	0.8392	
$\eta /(\text{mPa s})$	0.3782	0.4015	0.4344	0.4713	0.5146	0.5589	0.6331	0.7325	0.8607	
x_1	0.8701	1.0000								
$\eta /(\text{mPa s})$	0.8982	1.0887								
512	CH₂O₂ (1) C₅H₁₁N (2)		formic acid piperidine							64-18-6 110-89-4
$T/^\circ\text{C} = 25.0$										49B1
x_2	0.0000	0.1031	0.2007	0.3075	0.4104	0.4411	0.4766	0.5033	0.5235	
$\eta /(\text{mPa s})$	1.543	4.140	9.002	16.807	32.731	38.051	48.020	52.670	57.598	
x_2	0.5479	0.5600	0.5643	0.5852	0.6057	0.7319	0.8576	1.0000		
$\eta /(\text{mPa s})$	52.569	40.085	39.362	34.987	27.944	8.707	3.122	1.337		
$T/^\circ\text{C} = 50.0$										49B1
x_2	0.0000	0.1031	0.2007	0.3075	0.4104	0.4411	0.4766	0.5033	0.5235	
$\eta /(\text{mPa s})$	0.982	2.267	4.400	7.333	12.217	14.465	17.180	18.287	19.281	
x_2	0.5479	0.5600	0.5643	0.5852	0.6057	0.7319	0.8576	1.0000		
$\eta /(\text{mPa s})$	17.211	15.281	14.684	12.399	10.561	4.051	1.680	0.840		
$T/^\circ\text{C} = 75.0$										49B1
x_2	0.0000	0.1031	0.2007	0.3075	0.4104	0.4411	0.4766	0.5033	0.5235	
$\eta /(\text{mPa s})$	0.683	1.449	2.602	3.877	6.217	6.692	7.475	8.108	8.380	
x_2	0.5479	0.5600	0.5643	0.5852	0.6057	0.7319	0.8576	1.0000		
$\eta /(\text{mPa s})$	7.232	6.851	6.668	6.210	5.003	2.234	1.011	0.560		
513	CH₂O₂ (1) C₆H₅NO₂ (2)		formic acid nitrobenzene							64-18-6 98-95-3
$T/^\circ\text{C} = 0.0$										47U1
x_1	0.0000	0.1791	0.2956	0.4132	0.5229	0.6396	0.7402	0.8364	1.0000	
$\eta /(\text{mPa s})$	3.1202	2.9006	2.8323	2.7870	2.8156	2.8758	2.8967	2.9339	2.8210	
$T/^\circ\text{C} = 25.0$										47U1
x_1	0.0000	0.1791	0.2956	0.4132	0.5229	0.6396	0.7402	0.8364	1.0000	
$\eta /(\text{mPa s})$	1.8042	1.6755	1.6358	1.6043	1.5911	1.5930	1.5923	1.5756	1.5372	
$T/^\circ\text{C} = 50.0$										47U1

x_1	0.0000	0.1791	0.2956	0.4132	0.5229	0.6396	0.7402	0.8364	1.0000
η /(mPa s)	1.1915	1.1139	1.0838	1.0539	1.0427	1.0253	1.0286	1.0054	0.9767
514	CH₂O₂ (1) C₆H₇N (2)		formic acid aniline						64-18-6 62-53-3
$T/^\circ\text{C} = 20.0$									53N1
x_1	0.0000	0.4088	0.4976	0.5528	0.6058	0.7802	1.0000		
η /(mPa s)	2.998	8.846	12.150	14.894	15.390	7.967	1.389		
$T/^\circ\text{C} = 40.0$									53N1
x_1	0.0000	0.4088	0.4976	0.5528	0.6058	0.7802	1.0000		
η /(mPa s)	2.377	5.671	7.098	8.421	8.917	5.266	1.156		
$T/^\circ\text{C} = 60.0$									53N1
x_1	0.0000	0.4088	0.4976	0.5528	0.6058	0.7802	1.0000		
η /(mPa s)	1.555	2.991	3.399	3.697	3.989	2.745	0.8366		
515	CH₂O₂ (1) C₇H₈O (2)		formic acid methoxybenzene						64-18-6 100-66-3
$T/^\circ\text{C} = 25.0$									64F1
x_1	0.0000	0.3212	0.5701	0.7185	0.7632	0.7842	0.8777	0.8929	0.9555
η /(mPa s)	0.999	1.020	1.137	1.261	1.292	1.331	1.429	1.450	1.527
x_1	1.0000								
η /(mPa s)	1.627								
$T/^\circ\text{C} = 50.0$									64F1
x_1	0.0000	0.3212	0.5701	0.7185	0.7632	0.7842	0.8777	0.8929	0.9555
η /(mPa s)	0.709	0.709	0.767	0.832	0.851	0.875	0.925	0.952	0.988
x_1	1.0000								
η /(mPa s)	1.028								
516	CH₂O₂ (1) C₇H₈O (2)		formic acid 3-methyl-phenol						64-18-6 108-39-4
$T/^\circ\text{C} = 20.0$									08T1
x_1	0.000	0.373	0.549	0.708	0.855	1.000			
η /(mPa s)	15.130	4.280	3.129	2.432	1.999	1.780			
517	CH₂O₂ (1) C₇H₉N (2)		formic acid N-methyl-aniline						64-18-6 100-61-8
$T/^\circ\text{C} = 25.0$									56A2
x_2	0.0000	0.0377	0.0793	0.1295	0.1902	0.2599	0.3429	0.4451	0.5785

η /(mPa s)	1.61	2.51	3.68	5.11	5.80	5.61	5.49	5.34	4.30
x_2	1.0000								
η /(mPa s)	1.98								
518	CH₂O₂ (1) C₇H₉N (2)		formic acid 2-methyl-aniline						64-18-6 95-53-4
$T/^\circ\text{C} = 25.0$									36A1
x_2	0.0000	0.0387	0.0813	0.1309	0.1895	0.2592	0.3460	1.0000	
η /(mPa s)	1.46	2.44	3.98	6.86	10.02	14.00	21.66	3.39	
519	CH₂O₂ (1) C₇H₉N (2)		formic acid 3-methyl-aniline						64-18-6 108-44-1
$T/^\circ\text{C} = 25.0$									36A1
x_2	0.0000	0.0626	0.1285	0.2043	0.2795	0.3751	0.4732	0.8451	1.0000
η /(mPa s)	1.46	2.09	2.65	3.25	4.14	5.89	8.53	6.07	2.94
520	CH₂O₂ (1) C₈H₁₁N (2)		formic acid N,N-dimethyl-aniline						64-18-6 121-69-7
$T/^\circ\text{C} = 25.0$									56A2
x_2	0.0000	0.0320	0.0697	0.1148	0.1668	0.2287	0.3116	0.4080	0.5421
η /(mPa s)	1.61	2.27	3.17	4.61	6.87	9.03	7.65	5.47	3.52
x_2	0.7224	1.0000							
η /(mPa s)	2.20	1.29							
521	CH₂O₂ (1) C₈H₁₁N (2)		formic acid N-ethyl-aniline						64-18-6 103-69-5
$T/^\circ\text{C} = 25.0$									56A2
x_2	0.0000	0.0325	0.0685	0.1128	0.1654	0.2287	0.3145	0.4144	0.5425
η /(mPa s)	1.61	2.41	3.57	5.55	9.26	10.90	14.69	10.61	7.41
x_2	0.7131	1.0000							
η /(mPa s)	4.59	1.95							
522	CH₂O₂ (1) C₁₀H₁₄N₂ (2)		formic acid (S)-(-)-nicotine						64-18-6 54-11-5
$T/^\circ\text{C} = 25.0$									49B1
x_2	0.0000	0.0722	0.1007	0.1158	0.2033	0.2493	0.2637	0.2656	0.3036
η /(mPa s)	1.543	10.749	15.926	18.987	45.678	69.128	77.754	81.254	107.89
x_2	0.3426	0.3992	0.5003	0.5831	0.7144	0.7956	0.8660	1.0000	

η /(mPa s)	119.170	92.148	37.647	20.565	10.126	6.427	4.696	3.894	
$T/^\circ\text{C} = 50.0$									49B1
x_2	0.0000	0.0722	0.1007	0.1158	0.2033	0.2493	0.2637	0.2656	0.3036
η /(mPa s)	0.982	5.113	6.911	7.548	15.835	19.293	21.004	21.556	26.893
x_2	0.3186	0.3992	0.5003	0.5831	0.7144	0.7956	0.8660	1.0000	
η /(mPa s)	27.528	20.850	11.427	7.610	3.964	2.963	2.421	2.038	
$T/^\circ\text{C} = 75.0$									49B1
x_2	0.0000	0.0722	0.1007	0.1158	0.2033	0.2493	0.2637	0.2656	0.3036
η /(mPa s)	0.683	2.899	3.629	4.117	7.085	8.057	8.439	8.547	10.055
x_2	0.3426	0.3992	0.5003	0.5831	0.7144	0.7956	0.8660	1.0000	
η /(mPa s)	8.753	7.781	4.779	3.305	2.120	1.659	1.453	1.263	
523	CH₂O₂ (1) C₁₀H₁₅N (2)		formic acid N,N-diethyl-aniline						64-18-6 91-66-7
$T/^\circ\text{C} = 25.0$									56A2
x_2	0.0000	0.0253	0.0560	0.0915	0.1380	0.1895	0.2613	0.3554	0.4842
η /(mPa s)	1.61	2.21	3.15	4.38	7.16	11.77	18.14	14.67	8.69
x_2	0.6771	1.0000							
η /(mPa s)	4.29	1.93							
524	CH₃NO (1) CH₄O (2)		formamide methanol						75-12-7 67-56-1
$T/\text{K} = 298.15$									96G1
x_1	0.00000	0.04242	0.10982	0.15522	0.19660	0.23417	0.35714	0.42110	
η /(mPa s)	0.553	0.594	0.672	0.728	0.784	0.843	1.06	1.20	
x_1	0.47753	0.50973	0.57755	0.67445	0.71345	0.81906	0.85217	0.90992	1.0000
η /(mPa s)	1.33	1.42	1.60	1.90	2.03	2.45	2.60	2.86	3.34
$T/^\circ\text{C} = 30.0$									93D2
x_2	0.000	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225
η /(mPa s)	2.927	2.693	2.578	2.474	2.374	2.276	2.181	2.094	2.010
x_2	0.250	0.275	0.300	0.350	0.400	0.450	0.500	0.550	0.600
η /(mPa s)	1.927	1.852	1.769	1.628	1.497	1.373	1.260	1.154	1.056
x_2	0.650	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875
η /(mPa s)	0.965	0.882	0.842	0.805	0.769	0.734	0.701	0.669	0.640
x_2	0.900	0.925	0.950	0.975	1.000				
η /(mPa s)	0.611	0.583	0.557	0.532	0.509				
$T/^\circ\text{C} = 35.0$									93D2
x_2	0.000	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225
η /(mPa s)	2.605	2.404	2.307	2.212	2.127	2.043	1.963		1.813

x_2	0.250	0.275	0.300	0.350	0.400	0.450	0.500	0.550	0.600
η /(mPa s)	1.738	1.667	1.601	1.476	1.362	1.251	1.151	1.057	0.970
x_2	0.650	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875
η /(mPa s)	0.890	0.814	0.779	0.744	0.712	0.681	0.652	0.622	0.595
x_2	0.900	0.925	0.950	0.975	1.000				
η /(mPa s)	0.567	0.543	0.520	0.497	0.476				
T /°C = 25.0									71K2
x_1	0.000	0.025	0.101	0.210	0.304	0.419	0.505	0.599	0.692
η /(mPa s)	0.5431	0.5454	0.6183	0.7419	0.9193	1.1212	1.3141	1.6508	1.9285
x_1	0.825	0.901	1.000						
η /(mPa s)	2.3131	2.6829	3.2130						
T /°C = 25.0									14M1
x_1	0.0000	0.1000	0.2000	0.3000	0.3966	0.4978	0.6000	0.7000	0.7988
η /(mPa s)	0.557	0.746	0.861	1.055	1.247	1.484	1.749	2.067	2.431
x_1	0.9020	1.0000							
η /(mPa s)	2.874	3.359							
T /°C = 40.0									14M1
x_1	0.0000	0.1000	0.2000	0.3000	0.3966	0.4978	0.6000	0.7000	0.7988
η /(mPa s)	0.457	0.584	0.685	0.818	0.995	1.116	1.307	1.538	1.780
x_1	0.9020	1.0000							
η /(mPa s)	2.090	2.379							
T /°C = 30.0									93D2
x_2	0.000	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225
ν /(mm ² /s)	2.602	2.427	2.339	2.260	2.185	2.109	2.036	1.969	1.904
x_2	0.250	0.275	0.300	0.350	0.400	0.450	0.500	0.550	0.600
ν /(mm ² /s)	1.839	1.782	1.715	1.603	1.498	1.398	1.305	1.217	1.134
x_2	0.650	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875
ν /(mm ² /s)	1.057	0.985	0.950	0.917	0.886	0.855	0.825	0.797	0.770
x_2	0.900	0.925	0.950	0.975	1.000				
ν /(mm ² /s)	0.744	0.718	0.695	0.672	0.651				
T /°C = 35.0									93D2
x_2	0.000	0.050	0.075	0.100	0.125	0.150	0.175	0.200	0.225
ν /(mm ² /s)	2.324	2.174	2.101	2.029	1.965	1.901	1.840		1.725
x_2	0.250	0.275	0.300	0.350	0.400	0.450	0.500	0.550	0.600
ν /(mm ² /s)	1.665	1.610	1.559	1.460	1.369	1.280	1.198	1.120	1.046
x_2	0.650	0.700	0.725	0.750	0.775	0.800	0.825	0.850	0.875
ν /(mm ² /s)	0.979	0.913	0.884	0.853	0.824	0.797	0.771	0.745	0.720
x_2	0.900	0.925	0.950	0.975	1.000				
ν /(mm ² /s)	0.695	0.673	0.652	0.632	0.577				

525	CH₃NO (1)	C₂H₄O₂ (2)	formamide acetic acid							75-12-7 64-19-7
<i>T</i> / °C = 7.0										81V1
<i>x</i> ₂	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
<i>η</i> /(mPa s)	5.750	6.483	6.978	7.385	7.664	7.380	6.842	5.592	4.085	
<i>x</i> ₂	0.9									
<i>η</i> /(mPa s)	2.649									
<i>T</i> / °C = 15.0										81V1
<i>x</i> ₂	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
<i>η</i> /(mPa s)	4.375	4.936	5.161	5.430	5.555	5.402	4.973	4.248	3.212	
<i>x</i> ₂	0.9	1.0								
<i>η</i> /(mPa s)	2.310	1.330								
<i>T</i> / °C = 25.0										81V1
<i>x</i> ₂	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
<i>η</i> /(mPa s)	3.300	3.584	3.809	3.925	3.985	3.843	3.523	2.978	2.375	
<i>x</i> ₂	0.9	1.0								
<i>η</i> /(mPa s)	1.579	1.120								
<i>T</i> / °C = 35.0										81V1
<i>x</i> ₂	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
<i>η</i> /(mPa s)	2.685	2.901	3.031	3.142	3.241	3.058	2.813	2.416	1.936	
<i>x</i> ₂	0.9	1.0								
<i>η</i> /(mPa s)	1.436	0.970								
<i>T</i> / °C = 50.0										81V1
<i>x</i> ₂	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
<i>η</i> /(mPa s)	2.040	2.106	2.221	2.269	2.274	2.201	2.045	1.791	1.476	
<i>x</i> ₂	0.9	1.0								
<i>η</i> /(mPa s)	1.147	0.790								
<i>T</i> / °C = 25.0										14M1
<i>x</i> ₁	0.0000	0.1090	0.2105	0.3058	0.4011	0.5018	0.5944	0.7026	0.7961	
<i>η</i> /(mPa s)	1.280	2.001	2.855	3.481	3.864	4.217	4.341	4.316	4.146	
<i>x</i> ₁	0.9038	1.0000								
<i>η</i> /(mPa s)	3.842	3.359								
<i>T</i> / °C = 40.0										14M1
<i>x</i> ₁	0.0000	0.1090	0.2105	0.3058	0.4011	0.5018	0.5944	0.7026	0.7961	
<i>η</i> /(mPa s)	0.987	1.462	2.029	2.361	2.589	2.791	2.904	2.903	2.899	
<i>x</i> ₁	0.9038	1.0000								
<i>η</i> /(mPa s)	2.589	2.379								

526	CH₃NO (1)	C₂H₆O (2)	formamide ethanol							75-12-7 64-17-5
<i>T</i> /K = 298.15										96A2
<i>x</i> ₁	0.0000	0.1404	0.2688	0.3865	0.4950	0.5952	0.6880	0.7743	0.8547	
<i>η</i> /(mPa s)	1.0957	1.2221	1.4110	1.6259	1.8704	2.1078	2.3480	2.5705	2.8026	
<i>x</i> ₁	0.9297	1.0000								
<i>η</i> /(mPa s)	3.0318	3.3220								
<i>T</i> /K = 303.15										96A2
<i>x</i> ₁	0.0000	0.1404	0.2688	0.3865	0.4950	0.5952	0.6880	0.7743	0.8547	
<i>η</i> /(mPa s)	0.9944	1.1126	1.2930	1.4863	1.6892	1.9045	2.0931	2.2891	2.5022	
<i>x</i> ₁	0.9297	1.0000								
<i>η</i> /(mPa s)	2.7111	2.9663								
<i>T</i> /K = 308.15										96A2
<i>x</i> ₁	0.0000	0.1404	0.2688	0.3865	0.4950	0.5952	0.6880	0.7743	0.8547	
<i>η</i> /(mPa s)	0.9015	1.0123	1.1712	1.3405	1.5180	1.6963	1.8730	2.0420	2.2285	
<i>x</i> ₁	0.9297	1.0000								
<i>η</i> /(mPa s)	2.4463	2.6531								
<i>T</i> /K = 313.15										96A2
<i>x</i> ₁	0.0000	0.1404	0.2688	0.3865	0.4950	0.5952	0.6880	0.7743	0.8547	
<i>η</i> /(mPa s)	0.8306	0.9287	1.0717	1.2244	1.3821	1.5393	1.6966	1.8489	2.0191	
<i>x</i> ₁	0.9297	1.0000								
<i>η</i> /(mPa s)	2.1871	2.4039								
<i>T</i> /K = 323.15										96A2
<i>x</i> ₁	0.0000	0.1404	0.2688	0.3865	0.4950	0.5952	0.6880	0.7743	0.8547	
<i>η</i> /(mPa s)	0.7648	0.8520	0.9805	1.1167	1.2572	1.4017	1.5395	1.6789	1.8268	
<i>x</i> ₁	0.9297	1.0000								
<i>η</i> /(mPa s)	1.9906	2.1993								
<i>T</i> /K = 298.15										96G1
<i>x</i> ₁	0.00000	0.08099	0.14099	0.16443	0.21961	0.25002	0.29244	0.36982		
<i>η</i> /(mPa s)	1.09	1.17	1.24	1.27	1.37	1.43	1.50	1.66		
<i>x</i> ₁	0.40308	0.51236	0.56438	0.62782	0.70772	0.77264	0.86084	0.95584	1.0000	
<i>η</i> /(mPa s)	1.73	1.98	2.11	2.29	2.50	2.67	2.91	3.19	3.34	
<i>T</i> /°C = 25.0										14M1
<i>x</i> ₁	0.0000	0.1005	0.1991	0.3014	0.4017	0.4991	0.6093	0.7024	0.8108	
<i>η</i> /(mPa s)	1.086	1.229	1.376	1.563	1.816	2.010	2.259	2.515	2.782	
<i>x</i> ₁	0.9000	1.0000								
<i>η</i> /(mPa s)	3.054	3.359								
<i>T</i> /°C = 40.0										14M1

x_1	0.0000	0.1005	0.1991	0.3014	0.4017	0.4991	0.6093	0.7024	0.8108
η /(mPa s)	0.821	0.916	1.016	1.145	1.319	1.465	1.622	1.800	1.986
x_1	0.9000	1.0000							
η /(mPa s)	2.174	2.379							
$T/K = 288.15$									92P3
x_1	0.0000	0.0707	0.1405	0.2191	0.3410	0.4100	0.4996	0.6108	0.6992
v /(mm ² /s)	1.6812	1.7189	1.7879	1.9215	2.2089	2.4026	2.6679	2.9721	3.2370
x_1	0.8003	0.9094	1.0000						
v /(mm ² /s)	3.4760	3.6869	3.8324						
$T/K = 298.15$									92P3
x_1	0.0000	0.0707	0.1405	0.2191	0.3410	0.4100	0.4996	0.6108	0.6992
v /(mm ² /s)	1.3913	1.4129	1.4627	1.5620	1.7752	1.9174	2.1119	2.3244	2.5275
x_1	0.8003	0.9094	1.0000						
v /(mm ² /s)	2.7021	2.8544	2.9543						
$T/K = 308.15$									92P3
x_1	0.0000	0.0707	0.1405	0.2191	0.3410	0.4100	0.4996	0.6108	0.6992
v /(mm ² /s)	1.1616	1.1766	1.2153	1.2941	1.5704	1.5704	1.2763	1.8763	2.0368
x_1	0.8003	0.9094	1.0000						
v /(mm ² /s)	2.1719	2.2894	2.3627						
$T/K = 318.15$									92P3
x_1	0.0000	0.0707	0.1405	0.2191	0.3410	0.4100	0.4996	0.6108	0.6992
v /(mm ² /s)	0.9856	0.9952	1.0268	1.0899	1.2216	1.3076	1.5440	1.5440	1.6668
x_1	0.8003	0.9094	1.0000						
v /(mm ² /s)	1.7772	1.8699	1.9252						
527	CH₃NO (1)	C₃H₆O₂ (2)	formamide						75-12-7
			propionic acid						79-09-4
$T/^\circ\text{C} = 25.0$									14M1
x_1	0.0000	0.1002	0.1949	0.2992	0.3979	0.4976	0.5987	0.7338	0.8115
η /(mPa s)	1.035	2.150	3.368	4.445	5.670	6.480	6.980	7.190	6.920
x_1	0.9101	0.9760	1.0000						
η /(mPa s)	5.590	3.838	3.359						
$T/^\circ\text{C} = 40.0$									14M1
x_1	0.0000	0.1002	0.1949	0.2992	0.3979	0.4976	0.5987	0.7338	0.8115
η /(mPa s)	0.843	1.520	2.231	2.877	3.546	4.160	4.528	4.708	4.480
x_1	0.9101	1.0000							
η /(mPa s)	3.551	2.379							
528	CH₃NO (1)		formamide						75-12-7

	C₃H₇NO (2)		N,N-dimethyl-formamide						68-12-2
<i>T</i> /K = 298.15									
<i>x</i> ₂	0.0000	0.0833	0.1808	0.3399	0.5458	0.6731	0.8224	0.9076	1.0000
<i>η</i> /(mPa s)	3.304	3.208	3.056	2.496	1.698	1.332	1.025	0.910	0.802
<i>T</i> /K = 288.15									
<i>x</i> ₁	0.0000	0.1203	0.1995	0.3007	0.3990	0.5204	0.6098	0.6505	0.6989
<i>v</i> /(mm ² /s)	0.9589	1.1952	1.3726	1.6420	1.9778	2.4675	2.8275	2.9869	3.1509
<i>x</i> ₁	0.7810	0.8996	1.0000						
<i>v</i> /(mm ² /s)	3.3866	3.6903	3.8324						
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.1203	0.1995	0.3007	0.3990	0.5204	0.6098	0.6505	0.6989
<i>v</i> /(mm ² /s)	0.8500	1.0354	1.1723	1.3794	1.6263	1.9564	2.2359	2.3495	2.4661
<i>x</i> ₁	0.7810	0.8996	1.0000						
<i>v</i> /(mm ² /s)	2.6557	2.8717	2.9543						
<i>T</i> /K = 308.15									
<i>x</i> ₁	0.0000	0.1203	0.1995	0.3007	0.3990	0.5204	0.6098	0.6505	0.6989
<i>v</i> /(mm ² /s)	0.7595	0.9135	1.0256	1.1882	1.3774	1.6258	1.8300	1.9189	2.0021
<i>x</i> ₁	0.7810	0.8996	1.0000						
<i>v</i> /(mm ² /s)	2.1463	2.3007	2.3627						
<i>T</i> /K = 318.15									
<i>x</i> ₁	0.0000	0.1203	0.1995	0.3007	0.3990	0.5204	0.6098	0.6505	0.6989
<i>v</i> /(mm ² /s)	0.6825	0.8140	0.9073	1.0390	1.1834	1.3684	1.5215	1.5860	1.6530
<i>x</i> ₁	0.7810	0.8996	1.0000						
<i>v</i> /(mm ² /s)	1.7630	1.8786	1.9252						
529	CH₃NO (1)	C₃H₈O (2)	formamide propan-1-ol						75-12-7 71-23-8
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.00000	0.07440	0.11599	0.18846	0.29399	0.32252	0.33103	0.41212	
<i>η</i> /(mPa s)	1.95	1.97	1.98	2.07	2.27	2.33	2.40	2.54	
<i>x</i> ₁	0.45617	0.49736	0.52246	0.61294	0.68773	0.73795	0.82324	0.85363	
<i>η</i> /(mPa s)	2.61	2.73	2.76	2.96	3.09	3.17	3.28	3.31	
<i>x</i> ₁	0.91688	0.95063	1.00000						
<i>η</i> /(mPa s)	3.36	3.34	3.34						
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.1730	0.3202	0.3857	0.4466	0.5035	0.5567	0.6065	0.6532
<i>η</i> /(mPa s)	2.004	2.210	2.502	2.616	2.783	2.898	2.999	3.078	3.145
<i>x</i> ₁	0.7385	0.8146	0.8828	0.9443	1.0000				

η / (mPa s)	3.259	3.342	3.399	3.431	3.393				
T / °C = 25.0									14E1
w_2	0.0000	0.1123	0.2067	0.2994	0.3996	0.4999	0.5999	0.6999	0.7997
η / (mPa s)	3.299	3.270	3.233	3.122	2.985	2.790	2.622	2.396	2.223
w_2	0.9003	0.9455	1.0000						
η / (mPa s)	1.987	1.935	1.928						
530	CH₃NO (1) C₃H₈O₂ (2)		formamide propane-1,2-diol						75-12-7 57-55-6
T / K = 298.15									94K5
x_1	0.0000	0.1736	0.3159	0.4166	0.5518	0.6017	0.6540	0.7347	0.8117
η / (mPa s)	41.736	29.684	22.751	18.753	14.590	13.695	12.313	10.264	8.254
x_1	0.8808	0.9434	1.0000						
η / (mPa s)	6.511	4.916	3.393						
531	CH₃NO (1) C₄H₈O₂ (2)		formamide butyric acid						75-12-7 107-92-6
T / °C = 25.0									14M1
x_1	0.0000	0.1043	0.2044	0.3013	0.4031	0.5027	0.5996	0.7011	0.7990
η / (mPa s)	1.554	2.333	3.534	5.240	7.110	8.410	9.330	9.170	8.510
x_1	0.8570	0.9510	1.0000						
η / (mPa s)	7.330	4.986	3.359						
T / °C = 40.0									14M1
x_1	0.0000	0.1043	0.2044	0.3013	0.4031	0.5027	0.5996	0.7011	0.7990
η / (mPa s)	1.227	1.734	2.563	3.461	4.456	5.370	5.800	5.800	5.540
x_1	0.8570	0.9510	1.0000						
η / (mPa s)	4.779	3.252	2.379						
532	CH₃NO (1) C₄H₈O₂ (2)		formamide 1,3-dioxane						75-12-7 505-22-6
T / °C = 5.0									41P1
w_1	0.4352	0.7673	0.9165	1.0000					
η / (mPa s)	3.2470	5.4621	6.0531	5.9785					
T / °C = 25.0									41P1
w_1	0.0000	0.4352	0.7673	0.9165	1.0000				
η / (mPa s)	1.0567	2.0391	3.1193	3.3277	3.3039				
T / °C = 40.0									41P1
w_1	0.0000	0.4352	0.7673	0.9165	1.0000				

 η /(mPa s) 0.8452 1.5813 2.1959 2.3656 2.3345

533 **CH₃NO (1)** **formamide** **75-12-7**
 C₄H₈O₂ (2) **1,4-dioxane** **123-91-1**

$T/K = 298.15$ 93K1

x_2 0.0000 0.0494 0.1041 0.1661 0.2365 0.3172 0.4109 0.5204 0.6504
 η /(mPa s) 3.301 3.290 3.246 3.153 3.002 2.761 2.459 2.142 1.798

x_2 0.8071 1.0000
 η /(mPa s) 1.457 1.196

$T/^\circ\text{C} = 25.0$ 65T1

w_2 0.00 0.20 0.25 0.30 0.35 0.40 0.50 0.60 0.70
 η /(mPa s) 3.301 3.2507 3.192 3.133 3.0538 2.969 2.695 2.393 2.072

w_2 0.80 0.90 1.00
 η /(mPa s) 1.763 1.431 1.196

$T/^\circ\text{C} = 5.0$ 41P1

w_1 0.2808 0.3944 0.5045 0.6004 0.6935 0.7790 0.8581 0.9324 1.0000
 η /(mPa s) 2.8697 3.5642 4.2786 4.9220 5.4661 5.7883 6.0061 6.0729 5.9785

$T/^\circ\text{C} = 25.0$ 41P1

w_1 0.0000 0.1493 0.2808 0.3944 0.5045 0.6004 0.6935 0.7790 0.8581
 η /(mPa s) 1.1951 1.4920 1.8490 2.2190 2.5636 2.8625 3.0936 3.2603 3.3613

w_1 0.9324 1.0000
 η /(mPa s) 3.3629 3.3039

$T/^\circ\text{C} = 40.0$ 41P1

w_1 0.0000 0.1587 0.3010 0.4138 0.5198 0.6160 0.7056 0.7855 0.8591
 η /(mPa s) 0.9341 1.1383 1.3827 1.6215 1.8463 2.0390 2.1934 2.2940 2.3376

w_1 0.9315 1.0000
 η /(mPa s) 2.3616 2.3345

534 **CH₃NO (1)** **formamide** **75-12-7**
 C₄H₁₀O (2) **butan-1-ol** **71-36-3**

$T/K = 298.15$ 96G1

x_1 0.00000 0.09212 0.19049 0.24387 0.27981 0.34842 0.44017 0.45153
 η /(mPa s) 2.53 2.58 2.67 2.76 2.82 2.96 3.17 3.18

x_1 0.55391 0.58091 0.66669 0.72768 0.78690 0.83449 0.87712 0.92566
 η /(mPa s) 3.39 3.46 3.58 3.65 3.66 3.64 3.60 3.53

x_1 0.97282 1.00000
 η /(mPa s) 3.43 3.34

$T/^\circ\text{C} = 25.0$ 14E1

w_2	0.0000	0.1000	0.1995	0.3000	0.3981	0.4998	0.5982	0.6984	0.8002
η /(mPa s)	3.302	3.483	3.646	3.757	3.866	3.811	3.685	3.524	3.315
w_2	0.8996	0.9500	1.0000						
η /(mPa s)	3.142	3.136	3.368						

535 **CH₃NO (1)** **formamide** **75-12-7**
C₅H₁₁NO (2) **N,N-diethyl-formamide** **617-84-5**

$T/^\circ\text{C} = 0.0$ 53V1

x_1	0.00000	0.07537	0.15130	0.21639	0.29565	0.37228	0.44524	0.49636
η /(mPa s)	1.999	2.401	2.825	3.306	3.933	4.780	5.212	6.110

x_1	0.56653	0.63624	0.70133	0.74038	0.84715	0.93003		
η /(mPa s)	7.092	7.729	8.562	8.765	8.542	7.974		

$T/^\circ\text{C} = 25.0$ 53V1

x_1	0.00000	0.07537	0.15130	0.21639	0.29565	0.37228	0.44524	0.49636
η /(mPa s)	1.254	1.391	1.585	1.736	2.021	2.312	2.614	2.776

x_1	0.56653	0.63624	0.70133	0.74038	0.78504	0.84715	0.93003	1.00000
η /(mPa s)	3.138	3.333	3.547	3.678	3.722	3.663	3.516	3.217

$T/^\circ\text{C} = 50.0$ 53V1

x_1	0.00000	0.07537	0.15130	0.21639	0.29565	0.37228	0.44524	0.49636
η /(mPa s)	0.851	0.937	1.034	1.103	1.260	1.370	1.503	1.603

x_1	0.56653	0.63624	0.70133	0.74038	0.78504	0.84715	0.93003	1.00000
η /(mPa s)	1.757	1.859	1.942	1.990	2.046	2.045	1.978	1.840

$T/^\circ\text{C} = 75.0$ 53V1

x_1	0.00000	0.07537	0.15130	0.21639	0.29565	0.37228	0.44524	0.49636
η /(mPa s)	0.624	0.685	0.732	0.776	0.854	0.918	1.009	1.046

x_1	0.56653	0.63624	0.70133	0.74038	0.78504	0.84715	0.93003	1.00000
η /(mPa s)	1.125	1.184	1.252	1.268	1.294	1.297	1.321	1.239

536 **CH₃NO (1)** **formamide** **75-12-7**
C₅H₁₂O (2) **3-methyl-butan-1-ol** **123-51-3**

$T/^\circ\text{C} = 25.0$ 14E1

w_2	0.0000	0.1001	0.1994	0.2998	0.3935	0.5001	0.6000	0.6998	0.7995
η /(mPa s)	3.299	3.567	3.800	4.071	4.252	4.273	4.174	3.993	3.799

w_2	0.8492	0.8986	0.9501	1.0000					
η /(mPa s)	3.687	3.571	3.579	3.798					

$T/^\circ\text{C} = 0.0$ 11D1

w_2	0.0000	0.1038	0.3014	0.4984	0.6992	0.9001	0.9718	1.0000
η /(mPa s)	7.533	8.576	10.638	11.111	9.920	8.361	8.482	8.834

$T/^\circ\text{C} = 76.5$									11D1
w_2	0.0000	0.1038	0.3014	0.4984	0.6992	0.9001	0.9718	1.0000	
$\eta /(\text{mPa s})$	1.255	1.292	1.321	1.311	1.178	1.005	0.966	0.951	
537	CH₃NO (1) C₅H₁₂O (2)		formamide pentan-1-ol						75-12-7 71-41-0
$T/\text{K} = 298.15$									96G1
x_1	0.00000	0.05608	0.11424	0.21824	0.24828	0.34869	0.37760	0.46651	
$\eta /(\text{mPa s})$	3.47	3.38	3.39	3.48	3.57	3.73	3.77	3.98	
x_1	0.49510	0.56808	0.62071	0.70991	0.75326	0.80009	0.85185	0.93494	1.0000
$\eta /(\text{mPa s})$	4.02	4.15	4.23	4.32	4.33	4.23	4.07	3.69	3.34
538	CH₃NO₂ (1) C₂HCl₃O (2)		nitromethane trichloroacetaldehyde						75-52-5 75-87-6
$T/^\circ\text{C} = 25.0$									57U3
x_2	0.0000	0.1002	0.2003	0.2963	0.4004	0.4996	0.5833	0.6948	0.8007
$\eta /(\text{mPa s})$	0.6215	0.6610	0.7023	0.7591	0.8043	0.8435	0.8874	0.9389	0.9876
x_2	0.8965	1.0000							
$\eta /(\text{mPa s})$	1.0285	1.0552							
$T/^\circ\text{C} = 50.0$									57U3
x_2	0.0000	0.1002	0.2003	0.2963	0.4004	0.4996	0.5833	0.6948	0.8007
$\eta /(\text{mPa s})$	0.4845	0.5186	0.5507	0.5793	0.6238	0.6316	0.6661	0.6895	0.7155
x_2	0.8965	1.0000							
$\eta /(\text{mPa s})$	0.7491	0.7641							
$T/^\circ\text{C} = 75.0$									57U3
x_2	0.0000	0.1002	0.2003	0.2963	0.4004	0.4996	0.5833	0.6948	0.8007
$\eta /(\text{mPa s})$	0.3991	0.4178	0.4429	0.4664	0.4886	0.5017	0.5223	0.5376	0.5654
x_2	0.8965	1.0000							
$\eta /(\text{mPa s})$	0.5800	0.5885							
539	CH₃NO₂ (1) C₂H₃Cl₃ (2)		nitromethane 1,1,1-trichloro-ethane						75-52-5 71-55-6
$T/\text{K} = 298.15$									95L2
x_2	0.000	0.101	0.201	0.251	0.301	0.351	0.400	0.451	0.500
$\eta /(\text{mPa s})$	0.6205	0.6114	0.6128	0.6165	0.6220	0.6284	0.6356	0.6435	0.6518
x_2	0.550	0.600	0.650	0.700	0.749	0.812	0.867	1.000	
$\eta /(\text{mPa s})$	0.6607	0.6702	0.6803	0.6912	0.7030	0.7202	0.7375	0.7917	

540	CH₃NO₂ (1) C₂H₃N (2)	nitromethane acetonitrile							75-52-5 75-05-8
<i>T</i> /°C = 5.0									95D1
<i>x</i> ₂	0.0000	0.1433	0.3891	0.5980	0.7760	0.9346	1.0000		
<i>η</i> /(mPa s)	0.804	0.736	0.633	0.556	0.496	0.448	0.429		
<i>T</i> /°C = 15.0									95D1
<i>x</i> ₂	0.0000	0.1433	0.3891	0.5980	0.7760	0.9346	1.0000		
<i>η</i> /(mPa s)	0.708	0.651	0.563	0.496	0.445	0.404	0.387		
<i>T</i> /°C = 25.0									95D1
<i>x</i> ₂	0.0000	0.1433	0.3891	0.5980	0.7760	0.9346	1.0000		
<i>η</i> /(mPa s)	0.616	0.569	0.495	0.439	0.395	0.359	0.345		
<i>T</i> /°C = 35.0									95D1
<i>x</i> ₂	0.0000	0.1433	0.3891	0.5980	0.7760	0.9346	1.0000		
<i>η</i> /(mPa s)	0.561	0.520	0.454	0.404	0.364	0.333	0.319		
<i>T</i> /°C = 45.0									95D1
<i>x</i> ₂	0.0000	0.1433	0.3891	0.5980	0.7760	0.9346	1.0000		
<i>η</i> /(mPa s)	0.505	0.469	0.411	0.367	0.333	0.305	0.293		
<i>T</i> /K = 283.15									86D1
<i>x</i> ₁	0.000	0.107	0.206	0.301	0.398	0.502	0.598	0.700	
<i>η</i> /(mPa s)	0.39830	0.42414	0.45531	0.48391	0.51343	0.54883	0.58267	0.62092	
<i>x</i> ₁	0.792	0.895	1.000						
<i>η</i> /(mPa s)	0.65646	0.69889	0.74383						
<i>T</i> /K = 298.15									86D1
<i>x</i> ₁	0.000	0.107	0.206	0.301	0.398	0.502	0.598	0.700	
<i>η</i> /(mPa s)	0.34234	0.36653	0.38901	0.41210	0.43665	0.46461	0.49175	0.52235	
<i>x</i> ₁	0.792	0.895	1.000						
<i>η</i> /(mPa s)	0.55083	0.58440	0.62038						
<i>T</i> /K = 313.15									86D1
<i>x</i> ₁	0.000	0.107	0.206	0.301	0.398	0.502	0.598	0.700	
<i>η</i> /(mPa s)	0.29647	0.31691	0.33550	0.35463	0.37513	0.39859	0.42110	0.44646	
<i>x</i> ₁	0.792	0.895	1.000						
<i>η</i> /(mPa s)	0.46968	0.49739	0.52658						
<i>T</i> /K = 328.15									86D1
<i>x</i> ₁	0.000	0.107	0.206	0.301	0.398	0.502	0.598	0.700	
<i>η</i> /(mPa s)	0.26279	0.27999	0.29562	0.31146	0.32807	0.34704	0.36503	0.38528	
<i>x</i> ₁	0.792	0.895	1.000						
<i>η</i> /(mPa s)	0.40466	0.42774	0.45232						
541	CH₃NO₂ (1)	nitromethane							75-52-5

	C₂H₄O₂ (2)		acetic acid						64-19-7
$T/^\circ\text{C} = 25.0$									61L1
x_2	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
$\eta/(\text{mPa s})$	0.637	0.378	1.747	0.794	0.855	1.004	1.243		
542	CH₃NO₂ (1)		nitromethane						75-52-5
	C₂H₆OS (2)		dimethyl sulfoxide						67-68-5
$T/\text{K} = 318.15$									87M1
x_2	0.0000	0.1170	0.2468	0.4324	0.5837	0.8156	1.0000		
$\eta/(\text{mPa s})$	0.51870	0.57526	0.64709	0.77168	0.88779	1.1197	1.3658		
$T/\text{K} = 298.15$									87A3
x_2	0.0000	0.1135	0.2337	0.4320	0.5943	0.8120	1.0000		
$\eta/(\text{mPa s})$	0.627	0.726	0.823	1.014	1.229	1.613	2.024		
543	CH₃NO₂ (1)		nitromethane						75-52-5
	C₃H₃NS (2)		thiazole						288-47-1
$T/^\circ\text{C} = 25.0$									68M3
x_2	0.0000	0.0703	0.1849	0.2320	0.2367	0.4987	0.6540	0.7054	0.7160
$\eta/(\text{mPa s})$	0.625	0.6249	0.638	0.647	0.6474	0.7169	0.784	0.8127	0.815
x_2	0.7909	0.8832	1.0000						
$\eta/(\text{mPa s})$	0.857	0.9153	1.0075						
544	CH₃NO₂ (1)		nitromethane						75-52-5
	C₃H₆O (2)		propan-2-one						67-64-1
$T/^\circ\text{C} = 20.0$									61L1
x_1	0.0	0.2	0.5	0.8	1.0				
$\eta/(\text{mPa s})$	0.355	0.402	0.485	0.589	0.677				
545	CH₃NO₂ (1)		nitromethane						75-52-5
	C₃H₆O₂ (2)		acetic acid methyl ester						79-20-9
$T/\text{K} = 293.15$									99L1
x_2	0.0000	0.0500	0.1002	0.1500	0.2000	0.2502	0.3000	0.3503	0.4001
$\nu/(\text{mm}^2/\text{s})$	0.5768	0.5643	0.5540	0.5466	0.5381	0.5298	0.5218	0.5138	0.5061
x_2	0.4500	0.5008	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500
$\nu/(\text{mm}^2/\text{s})$	0.4985	0.4909	0.4828	0.4751	0.4672	0.4592	0.4510	0.4436	0.4352
x_2	0.9000	0.9500	1.0000						
$\nu/(\text{mm}^2/\text{s})$	0.4282	0.4202	0.4127						

$T/K = 303.15$										99L1
x_2	0.0000	0.0500	0.1002	0.1500	0.2000	0.2502	0.3000	0.3503	0.4001	
$\nu /(\text{mm}^2/\text{s})$	0.5251	0.5135	0.5051	0.4973	0.4896	0.4820	0.4745	0.4669	0.4598	
x_2	0.4500	0.5008	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500	
$\nu /(\text{mm}^2/\text{s})$	0.4531	0.4457	0.4383	0.4314	0.4248	0.4177	0.4103	0.4035	0.3963	
x_2	0.9000	0.9500	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.3896	0.3825	0.3757							
$T/K = 313.15$										99L1
x_2	0.0000	0.0500	0.1002	0.1500	0.2000	0.2502	0.3000	0.3503	0.4001	
$\nu /(\text{mm}^2/\text{s})$	0.4769	0.4666	0.4597	0.4531	0.4461	0.4395	0.4328	0.4264	0.4198	
x_2	0.4500	0.5008	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500	
$\nu /(\text{mm}^2/\text{s})$	0.4136	0.4072	0.4014	0.3947	0.3887	0.3825	0.3766	0.3705	0.3646	
x_2	0.9000	0.9500	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.3587	0.3532	0.3470							
546	CH₃NO₂ (1)		nitromethane							75-52-5
	C₃H₈O (2)		propan-1-ol							71-23-8
$T/^\circ\text{C} = 25.0$										61L1
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0			
$\eta /(\text{mPa s})$	1.931	1.222	0.921	0.804	0.724	0.626	0.637			
547	CH₃NO₂ (1)		nitromethane							75-52-5
	C₄H₈O₂ (2)		acetic acid ethyl ester							141-78-6
$T/^\circ\text{C} = 20.0$										73P2
x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4094	0.5097	0.6179	0.7349	
$\eta /(\text{mPa s})$	0.6359	0.6192	0.6080	0.5902	0.5704	0.5478	0.5282	0.5063	0.4863	
x_2	0.8618	1.0000								
$\eta /(\text{mPa s})$	0.4628	0.4430								
$T/^\circ\text{C} = 25.0$										73P2
x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4094	0.5097	0.6179	0.7349	
$\eta /(\text{mPa s})$	0.6233	0.5858	0.5956	0.5666	0.5407	0.5224	0.5077	0.4830	0.4662	
x_2	0.8618	1.0000								
$\eta /(\text{mPa s})$	0.4432	0.4217								
$T/^\circ\text{C} = 30.0$										73P2
x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4094	0.5097	0.6179	0.7349	
$\eta /(\text{mPa s})$	0.5782	0.5548	0.5394	0.5202	0.5034	0.4885	0.4709	0.4508	0.4337	
x_2	0.8618	1.0000								
$\eta /(\text{mPa s})$	0.4155	0.3927								
$T/^\circ\text{C} = 35.0$										73P2

x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4094	0.5097	0.6179	0.7349
η /(mPa s)	0.5493	0.5279	0.5119	0.4953	0.4797	0.4633	0.4457	0.4304	0.4106
x_2	0.8618	1.0000							
η /(mPa s)	0.3947	0.3730							
$T/\text{K} = 293.15$									99L1
x_2	0.0000	0.0501	0.1000	0.1500	0.2000	0.2501	0.3000	0.3500	0.4000
v /(mm ² /s)	0.5768	0.5754	0.5741	0.5731	0.5718	0.5695	0.5674	0.5648	0.5618
x_2	0.4500	0.5000	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500
v /(mm ² /s)	0.5585	0.5548	0.5513	0.5468	0.5422	0.5370	0.5321	0.5267	0.5217
x_2	0.8999	0.9500	1.0000						
v /(mm ² /s)	0.5162	0.5106	0.5050						
$T/\text{K} = 303.15$									99L1
x_2	0.0000	0.0501	0.1000	0.1500	0.2000	0.2501	0.3000	0.3500	0.4000
v /(mm ² /s)	0.5251	0.5236	0.5221	0.5206	0.5191	0.5169	0.5146	0.5117	0.5092
x_2	0.4500	0.5000	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500
v /(mm ² /s)	0.5060	0.5028	0.4996	0.4956	0.4918	0.4874	0.4828	0.4779	0.4742
x_2	0.8999	0.9500	1.0000						
v /(mm ² /s)	0.4704	0.4655	0.4621						
$T/\text{K} = 313.15$									99L1
x_2	0.0000	0.0501	0.1000	0.1500	0.2000	0.2501	0.3000	0.3500	0.4000
v /(mm ² /s)	0.4769	0.4729	0.4714	0.4700	0.4685	0.4669	0.4649	0.4623	0.4596
x_2	0.4500	0.5000	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500
v /(mm ² /s)	0.4572	0.4544	0.4513	0.4484	0.4448	0.4412	0.4380	0.4342	0.4301
x_2	0.8999	0.9500	1.0000						
v /(mm ² /s)	0.4264	0.4253	0.4240						
$T/^\circ\text{C} = 20.0$									73P2
x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4094	0.5097	0.6179	0.7349
v /(mm ² /s)	0.5585	0.5573	0.5598	0.5580	0.5528	0.5431	0.5365	0.5260	0.5164
x_2	0.8618	1.0000							
v /(mm ² /s)	0.5027	0.4921							
$T/^\circ\text{C} = 25.0$									73P2
x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4094	0.5097	0.6179	0.7349
v /(mm ² /s)	0.5511	0.5307	0.5516	0.5391	0.5272	0.5212	0.5189	0.5049	0.4984
x_2	0.8618	1.0000							
v /(mm ² /s)	0.4846	0.4717							
$T/^\circ\text{C} = 30.0$									73P2
x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4094	0.5097	0.6179	0.7349
v /(mm ² /s)	0.5141	0.5052	0.5026	0.4980	0.4939	0.4904	0.4845	0.4742	0.4667
x_2	0.8618	1.0000							

$v/(mm^2/s)$	0.4574	0.4422							
$T/^\circ C = 35.0$									73P2
x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4094	0.5097	0.6179	0.7349
$v/(mm^2/s)$	0.4913	0.4839	0.4802	0.4773	0.4738	0.4681	0.4617	0.4560	0.4447
x_2	0.8618	1.0000							
$v/(mm^2/s)$	0.4375	0.4229							

548 **CH₃NO₂ (1)** **nitromethane** **75-52-5**
C₅H₁₀O₂ (2) **acetic acid propyl ester** **109-60-4**

$T/K = 293.15$ 99L1

x_2	0.0000	0.0501	0.1000	0.1500	0.2001	0.2500	0.3000	0.3500	0.4000
$v/(mm^2/s)$	0.5768	0.5870	0.5975	0.6072	0.6163	0.6243	0.6316	0.6386	0.6444
x_2	0.4504	0.5001	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500
$v/(mm^2/s)$	0.6494	0.6535	0.6569	0.6598	0.6616	0.6634	0.6639	0.6649	0.6640
x_2	0.9000	0.9499	1.0000						
$v/(mm^2/s)$	0.6632	0.6619	0.6605						

$T/K = 303.15$ 99L1

x_2	0.0000	0.0501	0.1000	0.1500	0.2001	0.2500	0.3000	0.3500	0.4000
$v/(mm^2/s)$	0.5251	0.5294	0.5378	0.5484	0.5558	0.5630	0.5695	0.5744	0.5787
x_2	0.4504	0.5001	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500
$v/(mm^2/s)$	0.5825	0.5855	0.5878	0.5897	0.5911	0.5922	0.5931	0.5933	0.5930
x_2	0.9000	0.9499	1.0000						
$v/(mm^2/s)$	0.5923	0.5918	0.5906						

$T/K = 313.15$ 99L1

x_2	0.0000	0.0501	0.1000	0.1500	0.2001	0.2500	0.3000	0.3500	0.4000
$v/(mm^2/s)$	0.4769	0.4816	0.4876	0.4942	0.5018	0.5074	0.5126	0.5172	0.5211
x_2	0.4504	0.5001	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500
$v/(mm^2/s)$	0.5244	0.5280	0.5299	0.5314	0.5332	0.5341	0.5345	0.5349	0.5347
x_2	0.9000	0.9499	1.0000						
$v/(mm^2/s)$	0.5344	0.5334	0.5329						

549 **CH₃NO₂ (1)** **nitromethane** **75-52-5**
C₅H₁₄OSi (2) **ethoxy-trimethyl-silane** **1825-62-3**

$T/^\circ C = 25.0$ 64V1

x_2	0.0000	0.0368	0.1285	0.1868	0.2562	0.3406	0.4455	0.5081	0.7660
$\eta/(mPa \cdot s)$	0.6260	0.6047	0.5621	0.5502	0.5244	0.5000	0.4502	0.4206	0.3619
x_2	1.0000								
$\eta/(mPa \cdot s)$	0.3171								

550	CH₃NO₂ (1) C₆H₆ (2)	nitromethane benzene								75-52-5 71-43-2
<i>T/K = 298.15</i>										
<i>x₂</i>	0.0000	0.1005	0.2025	0.3017	0.4012	0.5019	0.6014	0.7074	0.7985	
<i>η/(mPa s)</i>	0.6469	0.6116	0.5886	0.5772	0.5724	0.5707	0.5754	0.5817	0.5905	
<i>x₂</i>	0.8947	1.0000								
<i>η/(mPa s)</i>	0.6035	0.6158								
<i>T/K = 303.15</i>										
<i>x₂</i>	0.0000	0.1005	0.2025	0.3017	0.4012	0.5019	0.6014	0.7074	0.7985	
<i>η/(mPa s)</i>	0.6158	0.5803	0.5594	0.5479	0.5438	0.5405	0.5447	0.5475	0.5560	
<i>x₂</i>	0.8947	1.0000								
<i>η/(mPa s)</i>	0.5662	0.5752								
<i>T/K = 308.15</i>										
<i>x₂</i>	0.0000	0.1005	0.2025	0.3017	0.4012	0.5019	0.6014	0.7074	0.7985	
<i>η/(mPa s)</i>	0.5833	0.5518	0.5299	0.5201	0.5142	0.5120	0.5126	0.5157	0.5234	
<i>x₂</i>	0.8947	1.0000								
<i>η/(mPa s)</i>	0.5309	0.5380								
<i>T/K = 313.15</i>										
<i>x₂</i>	0.0000	0.1005	0.2025	0.3017	0.4012	0.5019	0.6014	0.7074	0.7985	
<i>η/(mPa s)</i>	0.5537	0.5218	0.5031	0.4923	0.4862	0.4829	0.4843	0.4865	0.4912	
<i>x₂</i>	0.8947	1.0000								
<i>η/(mPa s)</i>	0.4977	0.5022								
<i>T/K = 293.15</i>										
<i>x₁</i>	0.0000	0.0919	0.2238	0.2978	0.3994	0.4940	0.7053	0.8004	0.9073	
<i>η/(mPa s)</i>	0.645	0.627	0.606	0.597	0.587	0.582	0.585	0.595	0.620	
<i>x₁</i>	1.0000									
<i>η/(mPa s)</i>	0.644									
551	CH₃NO₂ (1) C₆H₁₂O₂ (2)	nitromethane acetic acid butyl ester								75-52-5 123-86-4
<i>T/K = 293.15</i>										
<i>x₂</i>	0.0000	0.0500	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000	
<i>v/(mm²/s)</i>	0.5768	0.6002	0.6252	0.6475	0.6669	0.6866	0.7045	0.7208	0.7358	
<i>x₂</i>	0.4500	0.5000	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500	
<i>v/(mm²/s)</i>	0.7490	0.7627	0.7714	0.7818	0.7911	0.7989	0.8054	0.8113	0.8157	
<i>x₂</i>	0.8999	0.9500	1.0000							
<i>v/(mm²/s)</i>	0.8203	0.8232	0.8258							
<i>T/K = 303.15</i>										
<i>x₂</i>	0.0000	0.0500	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000	

$v/(mm^2/s)$	0.5251	0.5412	0.5598	0.5786	0.5966	0.6131	0.6277	0.6431	0.6539
x_2	0.4500	0.5000	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500
$v/(mm^2/s)$	0.6651	0.6574	0.6847	0.6932	0.7005	0.7071	0.7126	0.7176	0.7217
x_2	0.8999	0.9500	1.0000						
$v/(mm^2/s)$	0.7252	0.7282	0.7302						
$T/K = 313.15$									99L1
x_2	0.0000	0.0500	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000
$v/(mm^2/s)$	0.4769	0.4914	0.5058	0.5238	0.5396	0.5525	0.5652	0.5768	0.5872
x_2	0.4500	0.5000	0.5500	0.6000	0.6500	0.7000	0.7500	0.8000	0.8500
$v/(mm^2/s)$	0.5972	0.6059	0.6142	0.6200	0.6248	0.6312	0.6368	0.6392	0.6444
x_2	0.8999	0.9500	1.0000						
$v/(mm^2/s)$	0.6483	0.6506	0.6526						

552 **CH₃NO₂ (1)** **nitromethane** **75-52-5**
C₆H₁₆O₂Si (2) **diethoxy-dimethyl-silane** **78-62-6**

$T/^\circ\text{C} = 20.0$ 64V1

x_2	0.0000	0.0329	0.0706	0.1155	0.1684	0.2333	0.3136	0.4256	0.5491
$\eta/(mPa\ s)$	0.6570	0.7200	0.7700	0.8386	0.8500	0.8532	0.8820	0.8820	0.8500
x_2	0.7324	1.0000							
$\eta/(mPa\ s)$	0.7700	0.4823							

553 **CH₃NO₂ (1)** **nitromethane** **75-52-5**
C₆H₁₆O₃Si (2) **triethoxy-silane** **998-30-1**

$T/^\circ\text{C} = 15.0$ 63V2

x_2	0.0000	0.0305	0.0660	0.1080	0.1586	0.2205	0.2978	0.3972	0.5306
$\eta/(mPa\ s)$	0.6940	0.6900	0.6890	0.6875	0.6885	0.6894	0.6900	0.6841	0.6500
x_2	0.7172	1.0000							
$\eta/(mPa\ s)$	0.5952	0.5140							

554 **CH₃NO₂ (1)** **nitromethane** **75-52-5**
C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

$T/K = 293.15$ 88Y1

x_1	0.0000	0.1151	0.1918	0.2724	0.4256	0.4810	0.6051	0.6915	0.7940
$\eta/(mPa\ s)$	0.648	0.632	0.629	0.628	0.626	0.625	0.625	0.626	0.627
x_1	0.8837	1.0000							
$\eta/(mPa\ s)$	0.632	0.644							

555 **CH₃NO₂ (1)** **nitromethane** **75-52-5**
C₈H₂₀O₄Si (2) **silicic acid tetraethyl ester** **78-10-4**

$T/^\circ\text{C} = 15.0$									63V1
x_2	0.0000	0.0566	0.1146	0.1936	0.2270	0.2649	0.3083	0.3606	0.4184
$\eta /(\text{mPa s})$	0.7000	0.7200	0.7584	0.7698	0.7869	0.7869	0.8097	0.8063	0.7994
x_2	0.5764	0.6836	0.7475	0.8206	1.0000				
$\eta /(\text{mPa s})$	0.7983	0.7983	0.7983	0.7900	0.7634				
556	CH₃NO₂ (1) C₉H₁₂ (2)		nitromethane 1,3,5-trimethyl-benzene						75-52-5 108-67-8
$T/\text{K} = 293.15$									88Y1
x_1	0.0000	0.1192	0.2065	0.3019	0.3858	0.4761	0.6061	0.7112	0.7985
$\eta /(\text{mPa s})$	0.692	0.686	0.683	0.679	0.679	0.674	0.671	0.666	0.657
x_1	0.8912	1.0000							
$\eta /(\text{mPa s})$	0.648	0.644							
557	CH₄ (1) C₂H₄ (2)		methane ethene						74-82-8 74-85-1
$x_2 = 0.000$									40G1
T/K	93.2	94.4	98.3	102.4	108.8	111.2			
$\eta /(\text{mPa s})$	0.188	0.187	0.162	0.144	0.125	0.119			
$x_2 = 0.230$									40G1
T/K	92.6	94.9	99.2	101.1	104.1	109.4	111.0		
$\eta /(\text{mPa s})$	0.311	0.281	0.240	0.224	0.205	0.182	0.170		
$x_2 = 0.398$									40G1
T/K	93.7	95.1	97.5	99.5	102.6	105.2	107.2	111.2	
$\eta /(\text{mPa s})$	0.406	0.382	0.344	0.327	0.299	0.263	0.253	0.226	
$x_2 = 0.590$									40G1
T/K	96.6	98.9	102.6	104.9	107.8	111.2			
$\eta /(\text{mPa s})$	0.488	0.438	0.382	0.352	0.325	0.295			
$x_2 = 0.763$									40G1
T/K	98.9	101.5	104.1	106.4	108.4	111.1			
$\eta /(\text{mPa s})$	0.595	0.526	0.482	0.451	0.421	0.390			
$x_2 = 1.000$									40G1
T/K	105.0	108.0	110.4	129.8	138.4	148.8	156.8	168.2	
$\eta /(\text{mPa s})$	0.660	0.600	0.553	0.334	0.282	0.231	0.197	0.164	
558	CH₄ (1) C₇H₈ (2)		methane toluene						74-82-8 108-88-3

<i>T/K = 185.15</i>										81R1
x_1	0.0000	0.0159	0.0534	0.0960	0.1680	0.2155				
η /(mPa s)	10.00	8.065	6.529	5.517	4.141	3.511				
<i>(at equilibrium pressure)</i>										
<i>T/K = 200.15</i>										81R1
x_1	0.0000	0.0058	0.0290	0.0423	0.0706	0.1084	0.1222	0.1410	0.1726	
η /(mPa s)	4.601	4.542	4.223	4.137	3.628	3.295	3.117	2.848	2.706	
x_1	0.1995	0.2300	0.2557							
η /(mPa s)	2.452	2.218	2.068							
<i>(at equilibrium pressure)</i>										
<i>T/K = 220.15</i>										81R1
x_1	0.0000	0.0263	0.0321	0.1144	0.1481	0.1973	0.2431	0.2592		
η /(mPa s)	2.307	2.149	1.838	1.675	1.489	1.314	1.169	1.119		
<i>(at equilibrium pressure)</i>										
<i>T/K = 250.15</i>										81R1
x_1	0.0000	0.0180	0.0372	0.0670	0.0941	0.1386	0.1635	0.1911	0.2034	
η /(mPa s)	1.180	1.124	1.081	1.020	0.956	0.857	0.830	0.771	0.754	
x_1	0.2070	0.2240	0.2613							
η /(mPa s)	0.746	0.714	0.674							
<i>(at equilibrium pressure)</i>										
<i>T/K = 275.15</i>										81R1
x_1	0.0000	0.0148	0.0585	0.0899	0.1453	0.1841	0.1963	0.2288		
η /(mPa s)	0.750	0.746	0.695	0.648	0.587	0.543	0.530	0.504		
<i>(at equilibrium pressure)</i>										
<i>T/K = 300.15</i>										81R1
x_1	0.0000	0.0036	0.0245	0.0690	0.1001	0.1295	0.1747	0.2069		
η /(mPa s)	0.558	0.534	0.518	0.481	0.454	0.429	0.400	0.375		
<i>(at equilibrium pressure)</i>										
559	CH₄ (1)	C₇H₁₆ (2)	methane	heptane					74-82-8	142-82-5
<i>T/K = 185.15</i>										81R1
x_1	0.000	0.071	0.174	0.245	0.296	0.373	0.427	0.522	0.541	
η /(mPa s)	3.400	2.904	2.315	1.950	1.630	1.309	1.057	0.866	0.801	
x_1	0.582	0.625	0.730	0.745	0.778					
η /(mPa s)	0.700	0.583	0.381	0.356	0.311					
<i>(at equilibrium pressure)</i>										
<i>T/K = 200.15</i>										81R1
x_1	0.000	0.013	0.074	0.159	0.234	0.279	0.304	0.349	0.381	

η /(mPa s)	2.080	2.058	1.848	1.535	1.303	1.220	1.112	0.996	0.879
x_1	0.419	0.444	0.506	0.570	0.620	0.678	0.709	0.734	
η /(mPa s)	0.763	0.730	0.578	0.493	0.424	0.348	0.311	0.280	
<i>(at equilibrium pressure)</i>									
T /K = 220.15									81R1
x_1	0.000	0.033	0.074	0.144	0.197	0.340	0.420	0.463	0.529
η /(mPa s)	1.260	1.235	1.156	1.021	0.947	0.668	0.574	0.491	0.421
x_1	0.604	0.648	0.667	0.692					
η /(mPa s)	0.336	0.303	0.272	0.243					
<i>(at equilibrium pressure)</i>									
T /K = 250.15									81R1
x_1	0.000	0.038	0.108	0.177	0.225	0.272	0.332	0.391	0.418
η /(mPa s)	0.723	0.678	0.627	0.563	0.518	0.475	0.430	0.383	0.353
x_1	0.442	0.504	0.546						
η /(mPa s)	0.333	0.284	0.272						
<i>(at equilibrium pressure)</i>									
T /K = 275.15									81R1
x_1	0.000	0.013	0.061	0.091	0.144	0.183	0.207	0.253	0.311
η /(mPa s)	0.510	0.497	0.470	0.450	0.424	0.394	0.382	0.351	0.322
x_1	0.354	0.399	0.439	0.482	0.483				
η /(mPa s)	0.295	0.277	0.253	0.236	0.234				
<i>(at equilibrium pressure)</i>									
T /K = 300.15									81R1
x_1	0.000	0.050	0.125	0.187	0.226	0.262	0.341	0.389	0.431
η /(mPa s)	0.390	0.370	0.337	0.307	0.291	0.275	0.243	0.227	0.212
x_1	0.473								
η /(mPa s)	0.193								
<i>(at equilibrium pressure)</i>									
560	CH₄ (1)		methane						74-82-8
	C₈H₁₈ (2)		octane						111-65-9
$x_2 = 0.91$									74V1
T /K	290.	300.	310.	320.	330.	340.	350.	360.	370.
η /(mPa s)	0.4935	0.4410	0.3955	0.3560	0.3210	0.3900	0.2625	0.2400	0.2200
T /K	380.	390.	400.	410.					
η /(mPa s)	0.2030	0.1885	0.1763	0.1655					
<i>(at vapor-liquid equilibrium pressure)</i>									
$x_2 = 0.95$									74V1
T /K	290.	300.	310.	320.	330.	340.	350.	360.	370.

η /(mPa s)	0.5365	0.5770	0.4273	0.3845	0.3477	0.3143	0.2862	0.2615	0.2403
T /K	380.	390.	400.	410.	420.	430.			
η /(mPa s)	0.2255	0.2073	0.1945	0.1843	0.1740	0.1660			

(at vapor-liquid equilibrium pressure)

 $x_2 = 1.00$ 74V1

T /K	300.	310.	320.	330.	340.	350.	360.	370.	380.
η /(mPa s)	0.5110	0.4590	0.4130	0.3732	0.3383	0.3087	0.2837	0.2625	0.2445
T /K	390.								
η /(mPa s)	0.2292								

(at vapor-liquid equilibrium pressure)

561 **CH₄ (1)** **methane** **74-82-8**
C₁₀H₂₂ (2) **decane** **124-18-5**

 $x_2 = 0.868$ 74V1

T /K	290.	300.	310.	320.	330.	340.	350.	360.	370.
η /(mPa s)	0.8025	0.7017	0.6185	0.5485	0.4920	0.4445	0.4040	0.3690	0.3385
T /K	380.	390.	400.	410.	420.				
η /(mPa s)	0.3115	0.2870	0.2650	0.2450	0.2250	(at vapor-liquid equilibrium pressure)			

 $x_2 = 0.875$ 74V1

T /K	290.	300.	310.	320.	330.	340.	350.	360.	370.
η /(mPa s)	0.8335	0.7255	0.6375	0.5665	0.5088	0.4597	0.4175	0.3815	0.3505
T /K	380.	390.	400.	410.	420.				
η /(mPa s)	0.3233	0.2985	0.2767	0.2550	0.2360	(at vapor-liquid equilibrium pressure)			

 $x_2 = 1.000$ 74V1

T /K	290.0	300.	310.	320.	330.	340.	350.	360.	370.
η /(mPa s)	1.0485	0.8755	0.7630	0.6730	0.5990	0.5360	0.4830	0.4368	0.3980
T /K	380.	390.	400.	410.	420.	430.	(at vapor-liquid equilibrium pressure)		
η /(mPa s)	0.3655	0.3362	0.3107	0.2882	0.2675	0.2490			

A table is given in Ref. 90K1 for pressures between 0.6 and 40 MPa, temperatures between 20 and 150 °C, and compositions between 0 and 85 mol%. 90K1

Tables are given in Ref. 66L1 for pressures between 400 and 10000 Psia, temperatures between 37.8 and 171.1 °C, and compositions between 10 and 90 mol%. 66L1

562 **CH₄N₂O (1)** **urea** **57-13-6**
C₂HCl₃O₂ (2) **trichloroacetic acid** **76-03-9**

 $T/^\circ\text{C} = 80.0$ 56B2

x_1	0.0000	0.1253	0.2123	0.2709	0.3247	0.4052	0.4759	0.5387	0.5947
η /(mPa s)	1.989	4.578	8.753	11.860	14.655	18.903	21.768	20.714	18.953

x_1	0.6449								
η /(mPa s)	16.454								
T /°C = 85.0									56B2
x_1	0.0000	0.1253	0.2123	0.2709	0.3247	0.4052	0.4759	0.5387	0.5947
η /(mPa s)	1.660	3.971	6.848	8.912	11.248	14.325	16.413	16.137	14.196
x_1	0.6449								
η /(mPa s)	12.185								
T /°C = 95.0									56B2
x_1	0.0000	0.1253	0.2123	0.2709	0.3247	0.4052	0.4759	0.5387	0.5947
η /(mPa s)	1.362	2.804	4.821	6.560	7.737	9.408	10.943	10.763	9.466
x_1	0.6449								
η /(mPa s)	16.454								
563	CH₄N₂O (1)		urea						57-13-6
	C₂H₂Cl₂O₂ (2)		dichloroacetic acid						79-43-6
T /°C = 65.0									56B2
x_1	0.0000	0.0419	0.0826	0.1206	0.1926	0.2750	0.3495	0.4174	0.4795
η /(mPa s)	1.872	2.389	3.120	4.110	6.295	9.747	11.065	12.783	14.008
x_1	0.5356	0.5890	0.6089						
η /(mPa s)	14.801	15.305	15.558						
T /°C = 70.0									56B2
x_1	0.0000	0.0419	0.0826	0.1206	0.1926	0.2750	0.3495	0.4174	0.4795
η /(mPa s)	1.681	2.110	2.672	3.376	5.029	7.072	8.970	10.338	11.426
x_1	0.5356	0.5890	0.6089						
η /(mPa s)	12.144	12.674	12.542						
T /°C = 75.0									56B2
x_1	0.0000	0.0419	0.0826	0.1206	0.1926	0.2750	0.3495	0.4174	0.4795
η /(mPa s)	1.504	1.852	2.324	2.550	4.207	5.926	7.371	8.604	9.362
x_1	0.5356	0.5890	0.6089						
η /(mPa s)	9.989	10.411	10.341						
564	CH₄N₂O (1)		urea						57-13-6
	C₂H₃ClO₂ (2)		chloroacetic acid						79-11-8
T /°C = 65.0									56B2
x_1	0.1488	0.2175	0.2797	0.3442	0.4029	0.4574	0.5117	0.5328	
η /(mPa s)	3.708	4.992	6.400	7.329	8.408	9.272	9.772	10.054	
T /°C = 70.0									56B2
x_1	0.1488	0.2175	0.2797	0.3442	0.4029	0.4574	0.5117	0.5328	
η /(mPa s)	2.209	3.059	3.733	4.483	5.007	5.503	5.876	6.086	

$T/^\circ\text{C} = 75.0$									56B2
x_1	0.1488	0.2175	0.2797	0.3442	0.4029	0.4574	0.5117		
$\eta /(\text{mPa s})$	1.772	2.248	2.757	3.285	3.708	4.136	4.325		
565	CH₄N₂O (1) C₂H₄O₂ (2)	urea acetic acid							57-13-6 64-19-7
$T/^\circ\text{C} = 45.0$									56B2
x_1	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	
$\eta /(\text{mPa s})$	0.968	1.344	1.859	2.595	3.480	4.635	5.902	7.328	
$T/^\circ\text{C} = 60.0$									56B2
x_1	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45
$\eta /(\text{mPa s})$	0.685	0.883	1.161	1.494	1.904	2.440	2.968	3.565	4.183
$T/^\circ\text{C} = 70.0$									56B2
x_1	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45
$\eta /(\text{mPa s})$	0.586	0.724	0.904	1.149	1.429	1.760	2.122	2.519	2.960
x_1	0.50								
$\eta /(\text{mPa s})$	3.392								
566	CH₄N₂O (1) C₆H₆O (2)	urea phenol							57-13-6 108-95-2
$T/^\circ\text{C} = 80.0$									59B3
x_2	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	
$\eta /(\text{mPa s})$	2.415	2.195	1.998	1.799	1.636	1.482	1.344	1.225	
$T/^\circ\text{C} = 90.0$									59B3
x_2	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	
$\eta /(\text{mPa s})$	1.855	1.698	1.552	1.409	1.296	1.177	1.068	0.983	
$T/^\circ\text{C} = 95.0$									59B3
x_2	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95
$\eta /(\text{mPa s})$	1.771	1.606	1.462	1.341	1.229	1.115	1.028	0.935	0.858
567	CH₄O (1) C₂HCl₃ (2)	methanol 1,1,2-trichloro-ethene							67-56-1 79-01-6
$T/^\circ\text{C} = 15.0$									69M2
x_1	0.000	0.017	0.057	0.152	0.286	0.562	0.600	0.720	
$\eta /(\text{mPa s})$	0.596	0.580	0.586	0.612	0.640	0.699	0.709	0.714	
x_1	0.780	0.920	1.000						
$\eta /(\text{mPa s})$	0.709	0.669	0.629						
$T/^\circ\text{C} = 20.0$									69M2

x_1	0.000	0.017	0.057	0.152	0.286	0.562	0.600	0.699	0.720
η /(mPa s)	0.568	0.554	0.560	0.580	0.605	0.656	0.667	0.674	0.670
x_1	0.780	0.920	1.000						
η /(mPa s)	0.663	0.620	0.581						
$T/^\circ\text{C} = 30.0$									69M2
x_1	0.000	0.017	0.057	0.152	0.286	0.562	0.600	0.699	0.720
η /(mPa s)	0.520	0.507	0.509	0.523	0.541	0.576	0.581	0.590	0.587
x_1	0.780	0.920	1.000						
η /(mPa s)	0.578	0.543	0.509						
$T/^\circ\text{C} = 40.0$									69M2
x_1	0.000	0.017	0.057	0.152	0.286	0.562	0.600	0.699	0.720
η /(mPa s)	0.482	0.466	0.466	0.476	0.485	0.508	0.513	0.519	0.517
x_1	0.780	0.920	1.000						
η /(mPa s)	0.508	0.474	0.453						
$T/^\circ\text{C} = 50.0$									69M2
x_1	0.000	0.017	0.057	0.152	0.286	0.562	0.600	0.699	0.720
η /(mPa s)	0.445	0.429	0.427	0.435	0.441	0.452	0.455	0.461	0.458
x_1	0.780	0.920	1.000						
η /(mPa s)	0.450	0.423	0.401						
$T/^\circ\text{C} = 15.0$									67P1
x_1	0.000	0.017	0.057	0.152	0.286	0.562	0.600	0.720	
η /(mPa s)	0.596	0.580	0.586	0.612	0.640	0.699	0.709	0.714	
x_1	0.780	0.920	1.000						
η /(mPa s)	0.709	0.669	0.629						
$T/^\circ\text{C} = 20.0$									67P1
x_1	0.000	0.017	0.057	0.152	0.286	0.562	0.600	0.699	0.720
η /(mPa s)	0.568	0.554	0.560	0.580	0.605	0.656	0.667	0.674	0.670
x_1	0.780	0.920	1.000						
η /(mPa s)	0.663	0.620	0.581						
$T/^\circ\text{C} = 30.0$									67P1
x_1	0.000	0.017	0.057	0.152	0.286	0.562	0.600	0.699	0.720
η /(mPa s)	0.520	0.507	0.509	0.523	0.541	0.576	0.581	0.590	0.587
x_1	0.780	0.920	1.000						
η /(mPa s)	0.578	0.543	0.509						
$T/^\circ\text{C} = 40.0$									67P1
x_1	0.000	0.017	0.057	0.152	0.286	0.562	0.600	0.699	0.720
η /(mPa s)	0.482	0.466	0.466	0.476	0.485	0.508	0.513	0.519	0.517
x_1	0.780	0.920	1.000						
η /(mPa s)	0.508	0.474	0.453						
$T/^\circ\text{C} = 50.0$									67P1

x_1	0.000	0.017	0.057	0.152	0.286	0.562	0.600	0.699	0.720
η /(mPa s)	0.445	0.429	0.427	0.435	0.441	0.452	0.455	0.461	0.458
x_1	0.780	0.920	1.000						
η /(mPa s)	0.450	0.423	0.401						
568	CH₄O (1) C₂HCl₃O (2)		methanol trichloroacetaldehyde						67-56-1 75-87-6
$T/^\circ\text{C} = 40.0$									49U1
x_2	0.0000	0.0365	0.1162	0.2408	0.3032	0.4207	0.4440	0.4731	0.5032
η /(mPa s)	0.4555	0.5111	0.9078	2.0962	2.4913	6.0854	5.5908	7.3887	7.0280
x_2	0.5958	0.7150	0.8416	0.9603	1.0000				
η /(mPa s)	3.1817	1.7920	1.1980	0.8738	0.8411				
$T/^\circ\text{C} = 60.0$									49U1
x_2	0.0000	0.0365	0.1162	0.2408	0.3032	0.4207	0.4440	0.4731	0.5032
η /(mPa s)	0.7491	0.8412	0.9904	1.2015	1.2830	1.4009	1.4201	1.4680	1.4421
x_2	0.5958	0.7150	0.8416	0.9603	1.0000				
η /(mPa s)	1.4690	1.4691	1.4613	1.4531	1.4458				
$T/^\circ\text{C} = 75.0$									49U1
x_2	0.5958	0.7150	0.8416	0.2408	0.3032	0.4207	0.4440	0.4731	0.5032
η /(mPa s)	1.3788	0.8753	0.7225	1.0505	1.2066	1.3685	1.9456	1.9416	1.9154
x_2	0.9603	1.0000							
η /(mPa s)	0.5685	0.5539							
569	CH₄O (1) C₂H₂Cl₄ (2)		methanol 1,1,2,2-tetrachloro-ethane						67-56-1 79-34-5
$T/\text{K} = 303.15$									96P6
x_1	0.0000	0.1133	0.2000	0.3298	0.4576	0.5010	0.6741	0.7799	1.0000
η /(mPa s)	1.4626	1.3102	1.2165	1.1176	1.0806	0.9298	0.8195	0.6932	0.5155
$T/\text{K} = 313.15$									96P6
x_1	0.0000	0.1133	0.2000	0.3298	0.4576	0.5010	0.6741	0.7799	1.0000
η /(mPa s)	1.3802	1.2155	1.1109	1.0149	0.9200	0.8435	0.7392	0.6135	0.4500
$T/\text{K} = 323.15$									96P6
x_1	0.0000	0.1133	0.2000	0.3298	0.4576	0.5010	0.6741	0.7799	1.0000
η /(mPa s)	1.1653	1.0346	0.9525	0.8728	0.8384	0.7325	0.6445	0.5396	0.3958
570	CH₄O (1) C₂H₃Cl₃ (2)		methanol 1,1,1-trichloro-ethane						67-56-1 71-55-6
$T/\text{K} = 303.15$									96P6

x_1	0.0000	0.1553	0.2205	0.3154	0.4759	0.5596	0.6504	0.7324	1.0000	
η /(mPa s)	0.7410	0.7120	0.7030	0.6754	0.6595	0.6475	0.6235	0.5727	0.5155	
$T/K = 313.15$									96P6	
x_1	0.0000	0.1553	0.2205	0.3154	0.4759	0.5596	0.6504	0.7324	1.0000	
η /(mPa s)	0.6601	0.6245	0.6169	0.5820	0.5696	0.5590	0.5385	0.4494	0.4500	
$T/K = 323.15$									96P6	
x_1	0.0000	0.1553	0.2205	0.3154	0.4759	0.5596	0.6504	0.7324	1.0000	
η /(mPa s)	0.5810	0.5498	0.5365	0.5110	0.5098	0.4895	0.4802	0.4407	0.3958	
571	CH₄O (1)	C₂H₃N (2)	methanol acetonitrile						67-56-1	75-05-8
$T/K = 298.15$									98N3	
x_2	0.0000	0.0798	0.1633	0.2507	0.3423	0.4384	0.5393	0.6455	0.7574	
η /(mPa s)	0.554	0.504	0.462	0.424	0.394	0.373	0.359	0.349	0.344	
x_2	0.8754	1.0000								
η /(mPa s)	0.343	0.342								
$T/K = 303.15$									98N3	
x_2	0.0000	0.0798	0.1633	0.2507	0.3423	0.4384	0.5393	0.6455	0.7574	
η /(mPa s)	0.515	0.470	0.432	0.398	0.370	0.351	0.338	0.329	0.328	
x_2	0.8754	1.0000								
η /(mPa s)	0.326	0.326								
$T/K = 308.15$									98N3	
x_2	0.0000	0.0798	0.1633	0.2507	0.3423	0.4384	0.5393	0.6455	0.7574	
η /(mPa s)	0.482	0.440	0.404	0.373	0.348	0.330	0.318	0.312	0.308	
x_2	0.8754	1.0000								
η /(mPa s)	0.307	0.306								
$T/K = 313.15$									98N3	
x_2	0.0000	0.0798	0.1633	0.2507	0.3423	0.4384	0.5393	0.6455	0.7574	
η /(mPa s)	0.452	0.416	0.384	0.354	0.330	0.314	0.304	0.297	0.293	
x_2	0.8754	1.0000								
η /(mPa s)	0.292	0.291								
$T/K = 298.15$									96B2	
x_2	0.0000	0.0522	0.1059	0.2019	0.3394	0.4683	0.6065	0.7551	0.9891	
η /(mPa s)	0.545	0.508	0.482	0.440	0.392	0.359	0.337	0.328	0.346	
x_2	1.0000									
η /(mPa s)	0.341									
$T/K = 298.15$									95S1	
x_2	0.0000	0.0495	0.0999	0.1494	0.1995	0.2450	0.2998	0.3451	0.3997	
η /(mPa s)	0.545	0.509	0.479	0.455	0.434	0.418	0.400	0.387	0.374	

x_2	0.4489	0.4950	0.5496	0.5999	0.6494	0.6997	0.7450	0.7995	0.8496
$\eta /(\text{mPa s})$	0.364	0.357	0.349	0.343	0.340	0.336	0.334	0.333	0.335
x_2	0.8998	0.9500	1.0000						
$\eta /(\text{mPa s})$	0.338	0.340	0.345						
$T/\text{K} = 308.15$									95S1
x_2	0.0000	0.0495	0.0999	0.1494	0.1995	0.2450	0.2998	0.3451	0.3997
$\eta /(\text{mPa s})$	0.474	0.451	0.436	0.412	0.395	0.380	0.364	0.352	0.341
x_2	0.4489	0.4950	0.5496	0.5999	0.6494	0.6997	0.7450	0.7995	0.8496
$\eta /(\text{mPa s})$	0.333	0.326	0.320	0.314	0.310	0.307	0.305	0.305	0.306
x_2	0.8998	0.9500	1.0000						
$\eta /(\text{mPa s})$	0.307	0.309	0.313						
$T/\text{K} = 318.15$									95S1
x_2	0.0000	0.0495	0.0999	0.1494	0.1995	0.2450	0.2998	0.3451	0.3997
$\eta /(\text{mPa s})$	0.419	0.403	0.390	0.376	0.361	0.347	0.333	0.323	0.313
x_2	0.4489	0.4950	0.5496	0.5999	0.6494	0.6997	0.7450	0.7995	0.8496
$\eta /(\text{mPa s})$	0.306	0.300	0.294	0.289	0.285	0.282	0.280	0.280	0.281
x_2	0.8998	0.9500	1.0000						
$\eta /(\text{mPa s})$	0.281	0.284	0.289						
$T/^\circ\text{C} = 25.0$									90H1
x_2	0.000	0.133	0.204	0.278	0.340	0.435	0.536	0.606	0.698
$\eta /(\text{mPa s})$	0.545	0.475	0.445	0.419	0.403	0.381	0.364	0.358	0.351
x_2	0.794	0.885	1.000						
$\eta /(\text{mPa s})$	0.349	0.350	0.355						
$T/^\circ\text{C} = 25.0$									84G1
x_1	0.0000	0.0510	0.2689	0.4390	0.6767	0.8490	0.9677	1.0000	
$\eta /(\text{mPa s})$	0.3410	0.3390	0.3360	0.3482	0.3920	0.4530	0.5200	0.5450	
$T/^\circ\text{C} = 25.0$									72M1
x_2	0.0000	0.0892	0.1871	0.2884	0.4054	0.4849	0.5981	0.6986	0.8078
$\eta /(\text{mPa s})$	0.533	0.478	0.431	0.397	0.365	0.351	0.339	0.331	0.327
x_2	0.9013	1.0000							
$\eta /(\text{mPa s})$	0.329	0.338							
$T/^\circ\text{C} = 35.0$									72M1
x_2	0.0000	0.0892	0.1871	0.2884	0.4054	0.4849	0.5981	0.6986	0.8078
$\eta /(\text{mPa s})$	0.470	0.423	0.385	0.357	0.327	0.317	0.308	0.302	0.299
x_2	0.9013	1.0000							
$\eta /(\text{mPa s})$	0.304	0.312							
$T/^\circ\text{C} = 45.0$									72M1
x_2	0.0000	0.0892	0.1871	0.2884	0.4054	0.4849	0.5981	0.6986	0.8078
$\eta /(\text{mPa s})$	0.411	0.376	0.346	0.321	0.298	0.291	0.282	0.278	0.276

x_2	0.9013	1.0000							
η /(mPa s)	0.280	0.288							
$T/^\circ\text{C} = 25.0$									
x_1	0.0000	0.1219	0.2160	0.3487	0.6804	0.9000	1.0000		
η /(mPa s)	0.3409	0.3312	0.3296	0.3348	0.3398	0.4806	0.5428		
572	CH₄O (1)	methanol						67-56-1	
	C₂H₄Cl₂ (2)	1,2-dichloro-ethane						107-06-2	
$T/\text{K} = 303.15$									
x_1	0.0000	0.1072	0.2348	0.3650	0.4720	0.5810	0.6780	0.7970	1.0000
η /(mPa s)	0.7313	0.7025	0.6751	0.6567	0.6322	0.6074	0.5869	0.5492	0.5155
$T/\text{K} = 313.15$									
x_1	0.0000	0.1072	0.2348	0.3650	0.4720	0.5810	0.6780	0.7970	1.0000
η /(mPa s)	0.6456	0.6133	0.5910	0.5681	0.5511	0.5380	0.5097	0.4752	0.4500
$T/\text{K} = 323.15$									
x_1	0.0000	0.1072	0.2348	0.3650	0.4720	0.5810	0.6780	0.7970	1.0000
η /(mPa s)	0.5763	0.5533	0.5327	0.5132	0.4952	0.4795	0.4504	0.4268	0.3958
$T/^\circ\text{C} = 30.0$									
x_1	0.0000	0.1568	0.2369	0.4217	0.5374	0.6221	0.6906	0.7982	0.8393
η /(mPa s)	0.7256	0.6585	0.6407	0.6125	0.6032	0.5936	0.5824	0.5696	0.5617
x_1	0.9120	1.0000							
η /(mPa s)	0.5488	0.5229							
$T/^\circ\text{C} = 40.0$									
x_1	0.0000	0.1568	0.2369	0.4217	0.5374	0.6221	0.6906	0.7982	0.8393
η /(mPa s)	0.6383	0.5772	0.5596	0.5318	0.5227	0.5094	0.5005	0.4915	0.4852
x_1	0.9120	1.0000							
η /(mPa s)	0.4762	0.4539							
$T/^\circ\text{C} = 50.0$									
x_1	0.0000	0.1568	0.2369	0.4217	0.5374	0.6221	0.6906	0.7982	0.8393
η /(mPa s)	0.5724	0.5169	0.4990	0.4709	0.4587	0.4506	0.4422	0.4323	0.4255
x_1	0.9120	1.0000							
η /(mPa s)	0.4199	0.4023							
$T/^\circ\text{C} = 60.0$									
x_1	0.0000	0.1568	0.2369	0.4217	0.5374	0.6221	0.6906	0.7982	0.8393
η /(mPa s)	0.5116	0.4630	0.4442	0.4177	0.4018	0.3953	0.3870	0.3766	0.3754
x_1	0.9120	1.0000							
η /(mPa s)	0.3682	0.3520							

573	CH₄O (1) C₂H₅ClO (2)	methanol 2-chloro-ethanol								67-56-1 107-07-3	
<i>T</i> /K = 298.15										98A1	
<i>x</i> ₂	0.0000	0.0960	0.2122	0.2939	0.3927	0.4944	0.5980	0.6969	0.7977		
<i>η</i> /(mPa s)	0.505	0.615	0.777	0.910	1.099	1.321	1.591	1.869	2.130		
<i>x</i> ₂	0.8997	1.0000									
<i>η</i> /(mPa s)	2.450	2.810									
<i>T</i> /K = 303.15										98A1	
<i>x</i> ₂	0.0000	0.0960	0.2122	0.2939	0.3927	0.4944	0.5980	0.6969	0.7977		
<i>η</i> /(mPa s)	0.472	0.572	0.721	0.834	1.003	1.195	1.434	1.632	1.884		
<i>x</i> ₂	0.8997	1.0000									
<i>η</i> /(mPa s)	2.140	2.448									
<i>T</i> /K = 308.15										98A1	
<i>x</i> ₂	0.0000	0.0960	0.2122	0.2939	0.3927	0.4944	0.5980	0.6969	0.7977		
<i>η</i> /(mPa s)	0.441	0.529	0.662	0.767	0.913	1.084	1.287	1.456	1.675		
<i>x</i> ₂	0.8997	1.0000									
<i>η</i> /(mPa s)	1.890	2.150									
574	CH₄O (1) C₂H₆O (2)	methanol ethanol								67-56-1 64-17-5	
<i>T</i> /K = 273.15										98K2	
<i>x</i> ₁	0.000	0.114	0.263	0.501	0.738	0.856	1.000				
<i>η</i> /(mPa s)	1.78	1.62	1.44	1.21	0.984	0.892	0.795				
<i>T</i> /K = 293.15										98K2	
<i>x</i> ₁	0.000	0.114	0.263	0.501	0.738	0.856	1.000				
<i>η</i> /(mPa s)	1.18	1.10	0.997	0.849	0.712	0.651	0.583				
<i>T</i> /K = 313.15										98K2	
<i>x</i> ₁	0.000	0.114	0.263	0.501	0.738	0.856	1.000				
<i>η</i> /(mPa s)	0.819	0.770	0.709	0.615	0.531	0.491	0.447				
<i>T</i> /K = 333.15										98K2	
<i>x</i> ₁	0.000	0.114	0.263	0.501	0.738	0.856	1.000				
<i>η</i> /(mPa s)	0.587	0.558	0.521	0.461	0.408	0.379	0.348				
<i>T</i> /K = 298.15										98C1	
<i>x</i> ₁	0.0000	0.0889	0.1460	0.2385	0.3311	0.4041	0.5234	0.6076	0.7136		
<i>η</i> /(mPa s)	1.105	1.045	1.008	0.950	0.896	0.855	0.791	0.747	0.694		
<i>x</i> ₁	0.8128	0.9156	1.0000								
<i>η</i> /(mPa s)	0.643	0.594	0.553								
<i>T</i> /°C = 25.0										90A4	

x_1	0.0000	0.1486	0.2963	0.3705	0.4334	0.5496	0.6354	0.7035	0.7756
η /(mPa s)	1.0812	0.9853	0.9005	0.8746	0.8243	0.7626	0.7205	0.6891	0.6553
x_1	0.8486	0.9252	1.0000						
η /(mPa s)	0.6228	0.5879	0.5526						
T /°C = 25.0									90M1
w_1	0.000	0.170	0.290	0.380	0.440	0.500	0.560	0.620	0.710
η /(mPa s)	0.54	0.55	0.56	0.58	0.62	0.66	0.70	0.75	0.80
w_1	0.830	1.000							
η /(mPa s)	0.85	1.09							
T /°C = 20.0									70K1
x_1	0.000	0.199	0.276	0.277	0.357	0.491	0.492	0.590	0.685
η /(mPa s)	1.203	1.053	1.001	1.000	0.945	0.858	0.857	0.798	0.745
x_1	0.686	0.792	0.852	1.000					
η /(mPa s)	0.745	0.684	0.653	0.579					
T /°C = 40.0									70K1
x_1	0.000	0.199	0.276	0.277	0.357	0.491	0.492	0.590	0.685
η /(mPa s)	0.833	0.742	0.714	0.713	0.681	0.629	0.628	0.590	0.554
x_1	0.686	0.792	0.852	1.000					
η /(mPa s)	0.554	0.517	0.495	0.446					
T /°C = 60.0									70K1
x_1	0.000	0.199	0.276	0.277	0.357	0.491	0.492	0.590	0.685
η /(mPa s)	0.592	0.540	0.523	0.522	0.502	0.469	0.468	0.444	0.421
x_1	0.686	0.792	0.852	1.000					
η /(mPa s)	0.421	0.395	0.382	0.346					
T /°C = 25.0									28W1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.2530	1.1310	1.0477	0.9618	0.8785	0.8262	0.7800	0.7249	0.6826
x_1	0.90	1.00							
η /(mPa s)	0.6400	0.5968							
T /°C = 25.0									13B1
w_1	0.0000	0.2615	0.5040	0.7384	1.0000				
η /(mPa s)	1.0989	0.8803	0.7375	0.6386	0.5482				
T /°C = 35.0									13B1
w_1	0.0000	0.2615	0.5040	0.7384	1.0000				
η /(mPa s)	0.9166	0.7463	0.6353	0.5522	0.4764				
T /°C = 45.0									13B1
w_1	0.0000	0.2615	0.5040	0.7384	1.0000				
η /(mPa s)	0.7657	0.6357	0.5482	0.4810	0.4202				

$T/^\circ\text{C} = 55.0$										13B1
w_1	0.0000	0.2615	0.5040	0.7384	1.0000					
$\eta /(\text{mPa s})$	0.6452	0.5458	0.4760	0.4232	0.3710					
$T/^\circ\text{C} = 25.0$										90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$v /(\text{mm}^2/\text{s})$	0.7042	0.7566	0.8106	0.8790	0.9386	1.0057	1.0802	1.1576	1.2294	
x_2	0.90	1.00								
$v /(\text{mm}^2/\text{s})$	1.3193	1.4023								
$T/\text{K} = 283.15$										86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60	
$v /(\text{mm}^2/\text{s})$	0.8622	0.9403	0.9948	1.0584	1.1181	1.2306	1.3347	1.4364	1.5354	
x_2	0.70	0.80	0.90	1.00						
$v /(\text{mm}^2/\text{s})$	1.6214	1.7053	1.7834	1.8405						
$T/\text{K} = 298.15$										86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60	
$v /(\text{mm}^2/\text{s})$	0.6953	0.7404	0.7847	0.8304	0.8707	0.9624	1.0350	1.1101	1.1802	
x_2	0.70	0.80	0.90	1.00						
$v /(\text{mm}^2/\text{s})$	1.2435	1.3002	1.3551	1.3964						
$T/\text{K} = 313.15$										86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60	
$v /(\text{mm}^2/\text{s})$	0.5812	0.6234	0.6574	0.6828	0.7124	0.7704	0.8227	0.8749	0.9256	
x_2	0.70	0.80	0.90	1.00						
$v /(\text{mm}^2/\text{s})$	0.9707	1.0434	1.0524	1.0789						
$T/\text{K} = 328.15$										86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60	
$v /(\text{mm}^2/\text{s})$	0.4889	0.5337	0.5504	0.5707	0.5904	0.6308	0.6724	0.7104	0.7479	
x_2	0.70	0.80	0.90	1.00						
$v /(\text{mm}^2/\text{s})$	0.7806	0.8101	0.8344	0.8534						
$T/\text{K} = 298.15$										84W1
φ_1	0.0000	0.2269	0.3477	0.4596	0.5484	0.6232	0.7067	0.7959	0.8961	
$v /(\text{mm}^2/\text{s})$	1.3770	1.1457	1.0482	0.9693	0.9155	0.8751	0.8320	0.7903	0.7459	
φ_1	1.0000									
$v /(\text{mm}^2/\text{s})$	0.7020									
$T/^\circ\text{C} = 10.0$										82D1
x_1	0.0000	0.0702	0.1372	0.2019	0.2636	0.3227	0.3797	0.4344	0.4871	
$v /(\text{mm}^2/\text{s})$	1.819	1.740	1.649	1.566	1.491	1.435	1.371	1.319	1.262	
x_1	0.5382	0.5880	0.6420	0.6870	0.7309	0.7737	0.8139	0.8534	0.8918	
$v /(\text{mm}^2/\text{s})$	1.221	1.174	1.121	1.089	1.047	1.017	0.980	0.958	0.925	

x_1	0.9292	0.9647	1.0000						
$v/(mm^2/s)$	0.898	0.874	0.854						
$T/^\circ C = 20.0$									
x_1	0.0000	0.0702	0.1372	0.2019	0.2636	0.3227	0.3797	0.4344	0.4871
$v/(mm^2/s)$	1.527	1.468	1.390	1.328	1.272	1.233	1.174	1.131	1.088
x_1	0.5382	0.5880	0.6420	0.6870	0.7309	0.7737	0.8139	0.8534	0.8918
$v/(mm^2/s)$	1.053	1.012	0.977	0.940	0.936	0.890	0.858	0.830	0.809
x_1	0.9292	0.9647	1.0000						
$v/(mm^2/s)$	0.786	0.768	0.750						
$T/^\circ C = 30.0$									
x_1	0.0000	0.0702	0.1372	0.2019	0.2636	0.3227	0.3797	0.4344	0.4871
$v/(mm^2/s)$	1.280	1.223	1.175	1.128	1.080	1.045	1.003	0.972	0.935
x_1	0.5382	0.5880	0.6420	0.6870	0.7309	0.7737	0.8139	0.8534	0.8918
$v/(mm^2/s)$	0.912	0.881	0.847	0.817	0.797	0.769	0.750	0.726	0.712
x_1	0.9292	0.9647	1.0000						
$v/(mm^2/s)$	0.712	0.672	0.659						
$T/^\circ C = 40.0$									
x_1	0.0000	0.0704	0.1372	0.2019	0.2636	0.3230	0.3798	0.4344	0.4867
$v/(mm^2/s)$	1.079	1.038	1.038	0.997	0.927	0.900	0.866	0.843	0.821
x_1	0.5379	0.5920	0.6414	0.6870	0.7304	0.7732	0.8142	0.8535	0.8915
$v/(mm^2/s)$	0.790	0.760	0.744	0.716	0.700	0.676	0.662	0.640	0.627
x_1	0.9290	0.9650	1.0000						
$v/(mm^2/s)$	0.607	0.595	0.581						
$T/^\circ C = 50.0$									
x_1	0.0000	0.0704	0.1372	0.2019	0.2636	0.3230	0.3798	0.4344	0.4867
$v/(mm^2/s)$	0.920	0.889	0.864	0.827	0.805	0.775	0.756	0.730	0.713
x_1	0.5379	0.5920	0.6414	0.6870	0.7304	0.7732	0.8142	0.8535	0.8915
$v/(mm^2/s)$	0.689	0.671	0.648	0.634	0.614	0.602	0.583	0.571	0.554
x_1	0.9290	0.9650	1.0000						
$v/(mm^2/s)$	0.544	0.528	0.516						
$T/^\circ C = 20.0$									
x_1	0.0000	0.1976	0.4141	0.6625	1.0000				
$v/(mm^2/s)$	1.523	1.207	1.001	0.875	0.755				
$T/^\circ C = 25.0$									
x_1	0.0000	0.1976	0.4141	0.6625	1.0000				
$v/(mm^2/s)$	1.373	1.121	0.939	0.815	0.700				
575	CH₄O (1)	C₂H₆OS (2)	methanol	dimethyl sulfoxide					67-56-1 67-68-5

$T/K = 298.15$										96N1
x_2	0.0000	0.0439	0.0930	0.1279	0.2139	0.2908	0.3809	0.4902	0.6224	
$\eta /(\text{mPa s})$	0.557	0.583	0.616	0.642	0.708	0.792	0.884	1.030	1.259	
x_2	0.7858	0.8923	0.9667	1.0000						
$\eta /(\text{mPa s})$	1.564	1.768	1.923	1.991						
$T/K = 303.15$										96N1
x_2	0.0000	0.0439	0.0930	0.1279	0.2139	0.2908	0.3809	0.4902	0.6224	
$\eta /(\text{mPa s})$	0.523	0.544	0.566	0.583	0.661	0.741	0.820	0.937	1.110	
x_2	0.7858	0.8923	0.9667	1.0000						
$\eta /(\text{mPa s})$	1.368	1.573	1.713	1.788						
$T/K = 298.15$										95R7
x_1	0.0000	0.0499	0.1048	0.1551	0.1946	0.2501	0.2999	0.3325	0.3550	
$\eta /(\text{mPa s})$	2.0100	1.8898	1.7623	1.6535	1.5732	1.4665	1.3773	1.3222	1.2859	
x_1	0.4111	0.4475	0.4905	0.5225	0.5675	0.6150	0.6520	0.6714	0.7005	
$\eta /(\text{mPa s})$	1.1989	1.1298	1.0877	1.0492	0.9955	0.9449	0.9079	0.8899	0.8534	
x_1	0.7226	0.7604	0.8015	0.8544	0.8998	0.9501	1.0000			
$\eta /(\text{mPa s})$	0.8235	0.7772	0.7349	0.6809	0.6414	0.5995	0.5552			
$T/^\circ\text{C} = 25.0$										95C2
x_1	0.0000	0.1001	0.2003	0.3001	0.3998	0.5002	0.6010	0.7007	0.8010	
$\eta /(\text{mPa s})$	1.9960	1.7599	1.5479	1.3614	1.1974	1.0532	0.9263	0.8147	0.7166	
x_1	0.9004	1.0000								
$\eta /(\text{mPa s})$	0.6302	0.5543								
$T/^\circ\text{C} = 35.0$										95C2
x_1	0.0000	0.1001	0.2003	0.3001	0.3998	0.5002	0.6010	0.7007	0.8010	
$\eta /(\text{mPa s})$	1.6450	1.4533	1.2843	1.1348	1.0027	0.8860	0.7829	0.6917	0.6112	
x_1	0.9004	1.0000								
$\eta /(\text{mPa s})$	0.5400	0.4772								
$T/^\circ\text{C} = 45.0$										95C2
x_1	0.0000	0.1001	0.2003	0.3001	0.3998	0.5002	0.6010	0.7007	0.8010	
$\eta /(\text{mPa s})$	1.3850	1.2341	1.1029	0.9738	0.8593	0.7589	0.6641	0.5878	0.5211	
x_1	0.9004	1.0000								
$\eta /(\text{mPa s})$	0.4645	0.4175								
$T/^\circ\text{C} = 25.0$										90M1
w_1	0.000	0.170	0.290	0.380	0.440	0.500	0.560	0.620	0.710	
$\eta /(\text{mPa s})$	0.54	0.57	0.60	0.65	0.70	0.74	0.81	0.90	1.05	
w_1	0.830	1.000								
$\eta /(\text{mPa s})$	1.20	1.96								
$T/^\circ\text{C} = 25.0$										79A1

x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	0.541	0.664	0.701	0.804	0.921	1.055	1.207	1.379	1.569
x_2	0.9	1.0							
η /(mPa s)	1.780	1.975							
$T/^\circ\text{C} = 25.0$									66F1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.545	0.705	0.942	1.212	1.581	2.038			
$T/\text{K} = 298.15$									84W1
φ_2	0.0000	0.1936	0.3063	0.3934	0.4784	0.6075	0.6796	0.8033	0.8781
ν /(mm ² /s)	0.7020	0.7450	0.7862	0.8343	0.8920	1.0111	1.1108	1.3163	1.4625
φ_2	1.0000								
ν /(mm ² /s)	1.8028								
576	CH₄O (1) C₂H₆O₂ (2)		methanol ethane-1,2-diol						67-56-1 107-21-1
$T/\text{K} = 293.15$									99T1
x_2	0.0000	0.0476	0.0598	0.0918	0.1023	0.1742	0.2098	0.3191	0.3538
η /(mPa s)	0.587	0.724	0.766	0.914	0.918	1.243	1.409	2.142	2.413
x_2	0.4072	0.4225	0.4474	0.4889	0.5955	0.6932	0.8360	0.8590	1.0000
η /(mPa s)	2.906	3.085	3.338	3.824	5.485	7.481	11.431	12.301	20.806
$T/^\circ\text{C} = 25.0$									77I1
x_2	0.0000	0.0740	0.1538	0.2367	0.3244	0.4210	0.5226	0.6245	0.7450
η /(mPa s)	0.5427	0.7459	1.0269	1.3983	1.9474	2.7042	3.8204	5.3267	7.8123
x_2	0.8649	0.9313	1.0000						
η /(mPa s)	11.8101	14.3207	16.8700						
$T/^\circ\text{C} = 25.0$									77I1
x_2	0.0000	0.0740	0.1538	0.2367	0.3244	0.4210	0.5226	0.6245	0.7450
ν /(mm ² /s)	0.6900	0.9058	1.1938	1.5630	2.0982	2.8110	3.8464	5.2064	7.4127
x_2	0.8649	0.9313	1.0000						
ν /(mm ² /s)	10.9171	13.0884	15.2000						
$T/^\circ\text{C} = 30.0$									64K1
x_1	0.0000	0.0419	0.1045	0.1615	0.1890	0.2058	0.3345	0.4661	0.5893
ν /(mm ² /s)	12.247	11.120	9.8280	8.4730	7.7118	7.3980	5.1297	3.5266	2.4580
x_1	0.6567	0.7534	0.8371	0.9213	1.0000				
ν /(mm ² /s)	1.9790	1.4960	1.1446	0.8485	0.6704				
577	CH₄O (1) C₂H₇NO₂S (2)		methanol N-methyl-methanesulfonamide						67-56-1 1184-85-6

$T/K = 303.15$										83P2
x_2	0.0000	0.1007	0.1956	0.2981	0.3969	0.4926	0.5972	0.6946	0.8037	
$\eta /(\text{mPa s})$	0.513	0.665	0.856	1.126	1.468	1.898	2.518	3.297	4.496	
x_2	0.8997	1.0000								
$\eta /(\text{mPa s})$	5.994	8.242								
578	CH₄O (1) C₂H₈N₂ (2)		methanol ethane-1,2-diamine							67-56-1 107-15-3
$T/^\circ\text{C} = 0.0$										36E1
x_2	0.000	0.051	0.127	0.200	0.255	0.296	0.338	0.373	0.406	
$\eta /(\text{mPa s})$	0.836	1.199	1.767	2.428	2.930	3.355	3.477	3.519	3.563	
x_2	0.450	0.480	0.504	0.567	0.658	0.807	1.000			
$\eta /(\text{mPa s})$	3.524	3.512	3.500	3.372	3.204	2.981	2.615			
$T/^\circ\text{C} = 25.0$										36E1
x_2	0.000	0.051	0.127	0.200	0.255	0.296	0.338	0.373	0.406	
$\eta /(\text{mPa s})$	0.563	0.764	1.006	1.195	1.347	1.426	1.481	1.494	1.522	
x_2	0.450	0.480	0.504	0.567	0.658	0.807	1.000			
$\eta /(\text{mPa s})$	1.530	1.522	1.520	1.498	1.466	1.376	1.265			
579	CH₄O (1) C₃H₃N (2)		methanol acrylonitrile							67-56-1 107-13-1
$T/K = 298.15$										99A4
x_2	0.0000	0.1021	0.2197	0.3020	0.4017	0.5035	0.6614	0.6991	0.7966	
$\eta /(\text{mPa s})$	0.545	0.483	0.435	0.410	0.388	0.367	0.351	0.346	0.340	
x_2	0.8985	1.0000								
$\eta /(\text{mPa s})$	0.338	0.339								
$T/K = 303.15$										99A4
x_2	0.0000	0.1021	0.2197	0.3020	0.4017	0.5035	0.6614	0.6991	0.7966	
$\eta /(\text{mPa s})$	0.510	0.453	0.410	0.387	0.367	0.354	0.337	0.329	0.325	
x_2	0.8985	1.0000								
$\eta /(\text{mPa s})$	0.322	0.326								
$T/K = 308.15$										99A4
x_2	0.0000	0.1021	0.2197	0.3020	0.4017	0.5035	0.6614	0.6991	0.7966	
$\eta /(\text{mPa s})$	0.477	0.428	0.387	0.366	0.348	0.331	0.318	0.315	0.311	
x_2	0.8985	1.0000								
$\eta /(\text{mPa s})$	0.309	0.312								
580	CH₄O (1)		methanol							67-56-1

	C₃H₈O (2)		propan-2-one					67-64-1	
<i>T</i> /°C = 25.0									90A4
<i>x</i> ₁	0.0000	0.1056	0.1910	0.3440	0.4201	0.5560	0.6517	0.7339	0.8211
η /(mPa s)	0.3025	0.3094	0.3134	0.3253	0.3382	0.3527	0.3757	0.4131	0.4450
<i>x</i> ₁	0.8776	0.9388	1.0000						
η /(mPa s)	0.4861	0.5127	0.5526						
<i>T</i> /K = 298.15									82N1
<i>x</i> ₁	0.0000	0.1219	0.2100	0.2292	0.2781	0.2939	0.2977	0.3077	0.3551
η /(mPa s)	0.384	0.415	0.413	0.418	0.419	0.421	0.418	0.420	0.431
<i>x</i> ₁	0.4628	0.6406	0.7026	0.7901	0.8780	1.0000			
η /(mPa s)	0.440	0.477	0.499	0.535	0.589	0.689			
<i>T</i> /°C = 25.0									73N2
<i>w</i> ₁	0.0010	0.0030	0.010	0.020	0.050	0.100	0.200	0.500	1.000
η /(mPa s)	0.300	0.300	0.301	0.301	0.301	0.304	0.314	0.370	0.543
<i>T</i> /K = 298.15									73C1
<i>x</i> ₂	0.0000	0.0590	0.1261	0.1889	0.2564	0.3691	0.4581	0.5580	0.6896
η/η_{water}	0.6029	0.5531	0.5113	0.4748	0.4456	0.4125	0.3886	0.3700	0.3532
<i>x</i> ₂	0.8389	1.0000							
η/η_{water}	0.3437	0.3386							
<i>T</i> /°C = 20.0									69M2
<i>x</i> ₂	0.000	0.025	0.098	0.244	0.385	0.487	0.703	0.865	1.000
η /(mPa s)	0.581	0.563	0.507	0.435	0.389	0.371	0.342	0.333	0.326
<i>T</i> /°C = 30.0									69M2
<i>x</i> ₂	0.000	0.025	0.098	0.244	0.385	0.487	0.703	0.865	1.000
η /(mPa s)	0.509	0.496	0.449	0.389	0.352	0.340	0.314	0.308	0.303
<i>T</i> /°C = 40.0									69M2
<i>x</i> ₂	0.000	0.025	0.098	0.244	0.385	0.487	0.703	0.865	1.000
η /(mPa s)	0.453	0.435	0.399	0.349	0.322	0.311	0.291	0.287	0.289
<i>T</i> /°C = 45.0									69M2
<i>x</i> ₂	0.000	0.025	0.098	0.244	0.385	0.487	0.703	0.865	1.000
η /(mPa s)	0.429	0.411	0.378	0.335	0.311	0.300	0.282	0.277	0.279
<i>T</i> /°C = 50.0									69M2
<i>x</i> ₂	0.000	0.025	0.098	0.244					
η /(mPa s)	0.404	0.386	0.362	0.320					
<i>T</i> /°C = 20.0									67P1
<i>x</i> ₂	0.000	0.025	0.098	0.244	0.385	0.487	0.703	0.865	1.000
η /(mPa s)	0.581	0.563	0.507	0.435	0.389	0.371	0.342	0.333	0.332

$T/^{\circ}\text{C} = 30.0$										67P1
x_2	0.000	0.025	0.098	0.244	0.385	0.487	0.703	0.865	1.000	
$\eta /(\text{mPa s})$	0.509	0.496	0.449	0.389	0.352	0.340	0.314	0.308	0.308	
$T/^{\circ}\text{C} = 40.0$										67P1
x_2	0.000	0.025	0.098	0.244	0.385	0.487	0.703	0.865	1.000	
$\eta /(\text{mPa s})$	0.453	0.435	0.399	0.349	0.322	0.311	0.291	0.287	0.289	
$T/^{\circ}\text{C} = 45.0$										67P1
x_2	0.000	0.025	0.098	0.244	0.385	0.487	0.703	0.865	1.000	
$\eta /(\text{mPa s})$	0.429	0.411	0.378	0.335	0.311	0.300	0.282	0.277	0.279	
$T/\text{K} = 298.15$										84W1
φ_2	0.0000	0.2002	0.2837	0.3911	0.4928	0.5911	0.7150	0.7758	0.8916	
$\nu /(\text{mm}^2/\text{s})$	0.7020	0.5922	0.5525	0.5094	0.4748	0.4460	0.4163	0.4047	0.3885	
φ_2	1.0000									
$\nu /(\text{mm}^2/\text{s})$	0.3857									
$T/^{\circ}\text{C} = 30.0$										64K1
x_2	0.0000	0.0450	0.0851	0.1472	0.2077	0.3187	0.3539	0.3950	0.4643	
$\nu /(\text{mm}^2/\text{s})$	0.6704	0.6267	0.5982	0.5627	0.5300	0.4862	0.4774	0.4671	0.4532	
x_2	0.5636	0.6658	0.7564	0.7837	0.8606	1.0000				
$\nu /(\text{mm}^2/\text{s})$	0.4345	0.4166	0.4056	0.4021	0.3929	0.3728				
581	CH₄O (1) C₃H₆O₂ (2)	methanol acetic acid methyl ester							67-56-1 79-20-9	
$T/\text{K} = 298.15$										98C1
x_2	0.0000	0.0996	0.2029	0.3433	0.4025	0.4912	0.6272	0.7080	0.7892	
$\eta /(\text{mPa s})$	0.553	0.498	0.462	0.421	0.410	0.397	0.386	0.382	0.380	
x_2	0.8704	1.0000								
$\eta /(\text{mPa s})$	0.381	0.380								
582	CH₄O (1) C₃H₆O₂ (2)	methanol propionic acid							67-56-1 79-09-4	
$T/\text{K} = 308.15$										88S5
x_2	0.0000	0.0467	0.0975	0.1570	0.2234	0.3021	0.3923	0.5024	0.6344	
$\eta /(\text{mPa s})$	0.4950	0.5336	0.5843	0.6175	0.6789	0.7413	0.8094	0.9055	0.9763	
x_2	0.7111	0.7964	0.8919	1.0000						
$\eta /(\text{mPa s})$	1.0210	0.9955	0.9369	0.8894						
583	CH₄O (1) C₃H₆O₃ (2)	methanol carbonic acid dimethyl ester							67-56-1 616-38-6	

$T/K = 298.15$										98A4
x_2	0.0000	0.0989	0.2009	0.3008	0.4008	0.5000	0.6002	0.7016	0.8015	
$\eta /(\text{mPa s})$	0.479	0.482	0.462	0.458	0.457	0.462	0.468	0.474	0.496	
x_2	0.9028	1.0000								
$\eta /(\text{mPa s})$	0.511	0.534								
$T/K = 303.15$										98A4
x_2	0.0000	0.0989	0.2009	0.3008	0.4008	0.5000	0.6002	0.7016	0.8015	
$\eta /(\text{mPa s})$	0.463	0.443	0.432	0.427	0.429	0.434	0.439	0.447	0.459	
x_2	0.9028	1.0000								
$\eta /(\text{mPa s})$	0.480	0.503								
$T/K = 308.15$										98A4
x_2	0.0000	0.0989	0.2009	0.3008	0.4008	0.5000	0.6002	0.7016	0.8015	
$\eta /(\text{mPa s})$	0.432	0.415	0.406	0.404	0.403	0.406	0.421	0.419	0.433	
x_2	0.9028	1.0000								
$\eta /(\text{mPa s})$	0.456	0.474								
584	CH₄O (1)	C₃H₇NO (2)	methanol	N,N-dimethyl-formamide						67-56-1
										68-12-2
$T/K = 298.15$										97B1
x_1	0.0000	0.1198	0.2267	0.4094	0.5596	0.6854	0.7922	0.8840	0.9639	
$\eta /(\text{mPa s})$	0.796	0.766	0.739	0.693	0.655	0.623	0.596	0.573	0.553	
x_1	1.0000									
$\eta /(\text{mPa s})$	0.545									
$T/^\circ\text{C} = 25.0$										95C2
x_1	0.0000	0.1007	0.2010	0.2990	0.4001	0.5008	0.5998	0.7005	0.8002	
$\eta /(\text{mPa s})$	0.8020	0.7811	0.7571	0.7311	0.7042	0.6759	0.6498	0.6237	0.5993	
x_1	0.8997	1.0000								
$\eta /(\text{mPa s})$	0.5754	0.5543								
$T/^\circ\text{C} = 35.0$										95C2
x_1	0.0000	0.1007	0.2010	0.2990	0.4001	0.5008	0.5998	0.7005	0.8002	
$\eta /(\text{mPa s})$	0.7100	0.6897	0.6680	0.6453	0.6216	0.5969	0.5727	0.5480	0.5248	
x_1	0.8997	1.0000								
$\eta /(\text{mPa s})$	0.5011	0.4772								
$T/^\circ\text{C} = 45.0$										95C2
x_1	0.0000	0.1007	0.2010	0.2990	0.4001	0.5008	0.5998	0.7005	0.8002	
$\eta /(\text{mPa s})$	0.6330	0.6153	0.5960	0.5760	0.5543	0.5322	0.5094	0.4868	0.4644	
x_1	0.8997	1.0000								
$\eta /(\text{mPa s})$	0.4410	0.4175								

$T/^\circ\text{C} = 25.0$										90M1
w_1	0.000	0.170	0.290	0.380	0.440	0.500	0.560	0.620	0.710	
$\eta /(\text{mPa s})$	0.54	0.57	0.58	0.59	0.60	0.62	0.64	0.67	0.72	
w_1	0.830	1.000								
$\eta /(\text{mPa s})$	0.75	0.80								
$T/\text{K} = 298.15$										85G2
x_1	0.0000	0.1071	0.3092	0.5040	0.7010	0.8931	1.0000			
$\eta /(\text{mPa s})$	0.796	0.771	0.721	0.669	0.617	0.570	0.545			
$T/^\circ\text{C} = 25.0$										71K2
x_2	0.000	0.055	0.184	0.344	0.440	0.551	0.692	0.825	1.000	
$\eta /(\text{mPa s})$	0.5431	0.5454	0.5790	0.6204	0.6321	0.6595	0.7215	0.7264	0.7958	
585	CH₄O (1) C₃H₇NO (2)		methanol N-methyl-acetamide							67-56-1 79-16-3
$T/\text{K} = 303.15$										83P5
x_2	0.0999	0.2019	0.3029	0.3939	0.5040	0.6050	0.6998	0.7934	0.8995	
$\eta /(\text{mPa s})$	0.644	0.798	0.980	1.175	1.457	1.778	2.134	2.561	3.140	
x_2	1.0000									
$\eta /(\text{mPa s})$	3.829									
586	CH₄O (1) C₃H₈ (2)		methanol propane							67-56-1 74-98-6
$T/\text{K} = 183.15$										78T1
x_2	0.0000	0.0286	0.0748	0.1331	1.0000					
$\eta /(\text{mPa s})$	9.3137	7.9995	6.4550	4.875	0.375					
$T/\text{K} = 198.15$										78T1
x_2	0.0000	0.0241	0.0497	0.0676	0.0782	0.1035	0.1119	0.1335	1.0000	
$\eta /(\text{mPa s})$	4.8550	4.4688	4.0085	3.7389	3.5720	3.2648	3.1509	2.9200	0.2967	
$T/\text{K} = 223.15$										78T1
x_2	0.0000	0.0265	0.0509	0.0696	0.1029	0.1223	1.0000			
$\eta /(\text{mPa s})$	2.3171	2.1139	1.9425	1.8435	1.6702	1.5460	0.2142			
<i>(at equilibrium pressure)</i>										
$T/\text{K} = 248.15$										78T1
x_2	0.0000	0.0082	0.0174	0.0374	0.0607	0.0994	0.1450	0.1684	1.0000	
$\eta /(\text{mPa s})$	1.3055	1.2765	1.2489	1.1889	1.1327	1.0330	0.9406	0.8835	0.162	
<i>(at equilibrium pressure)</i>										
$T/\text{K} = 273.15$										78T1
x_2	0.0000	0.0446	0.0609	0.0966	0.1333	0.1556	0.1790	1.0000		

η /(mPa s)	0.8346	0.7608	0.7354	0.6803	0.6258	0.5996	0.5663	0.127	
<i>(at equilibrium pressure)</i>									
T /K = 313.15									78T1
x_2	0.0000	0.0121	0.0527	0.0736	0.1245	0.2109	1.0000		
η /(mPa s)	0.4634	0.4518	0.4234	0.4019	0.3630	0.3035	0.0912		
<i>(at equilibrium pressure)</i>									
587	CH₄O (1)		methanol						67-56-1
	C₃H₈O (2)		propan-1-ol						71-23-8
T /K = 273.15									98K2
x_1	0.000	0.174	0.339	0.510	0.741	0.873	1.000		
η /(mPa s)	3.68	2.86	2.23	1.73	1.21	0.980	0.795		
T /K = 293.15									98K2
x_1	0.000	0.174	0.339	0.510	0.741	0.873	1.000		
η /(mPa s)	2.17	1.78	1.45	1.16	0.857	0.711	0.583		
T /K = 313.15									98K2
x_1	0.000	0.174	0.339	0.510	0.741	0.873	1.000		
η /(mPa s)	1.38	1.17	0.986	0.822	0.624	0.530	0.447		
T /K = 333.15									98K2
x_1	0.000	0.174	0.339	0.510	0.741	0.873	1.000		
η /(mPa s)	0.923	0.799	0.697	0.597	0.471	0.410	0.348		
T /K = 298.15									98C1
x_1	0.0000	0.1414	0.2419	0.3419	0.4462	0.5137	0.5731	0.7216	0.8038
η /(mPa s)	1.970	1.672	1.483	1.315	1.159	1.067	0.992	0.825	0.744
x_1	0.8805	1.0000							
η /(mPa s)	0.662	0.553							
T /K = 283.15									86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60
ν /(mm ² /s)	0.8622	1.0501	1.2251	1.3750	1.5251	1.8351	2.1250	2.4000	2.6560
x_2	0.70	0.80	0.90	1.00					
ν /(mm ² /s)	2.9000	3.1400	3.3500	3.5080					
T /K = 298.15									86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60
ν /(mm ² /s)	0.6953	0.8000	0.8500	1.0000	1.1000	1.3000	1.4900	1.6751	1.8500
x_2	0.70	0.80	0.90	1.00					
ν /(mm ² /s)	2.0000	2.1750	2.3251	2.4791					
T /K = 313.15									86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60

$v/(mm^2/s)$	0.5812	0.6500	0.7251	0.8000	0.8500	0.9850	1.1000	1.2150	1.3253
x_2	0.70	0.80	0.90	1.00					
$v/(mm^2/s)$	1.4500	1.5500	1.6550	1.7833					
$T/K = 328.15$									86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60
$v/(mm^2/s)$	0.4889	0.4901	0.5250	0.5752	0.6261	0.7251	0.8251	0.9000	0.9850
x_2	0.70	0.80	0.90	1.00					
$v/(mm^2/s)$	1.0751	1.1500	1.2251	1.3010					
$T/^\circ C = 30.0$									82D1
x_1	0.0000	0.0878	0.1691	0.2456	0.3183	0.3800	0.4399	0.5505	0.6484
$v/(mm^2/s)$	2.183	2.004	1.834	1.687	1.562	1.450	1.357	1.194	1.072
x_1	0.7353	0.8129	0.9001	0.0437	1.0000				
$v/(mm^2/s)$	0.946	0.859	0.779	0.714	0.659				
588	CH₄O (1)	C₃H₈O (2)	methanol	propan-2-ol					67-56-1 67-63-0
$T/K = 298.15$									98C1
x_1	0.0000	0.0893	0.2250	0.2835	0.3984	0.5178	0.6024	0.6852	0.8272
$\eta/(mPa \cdot s)$	2.098	1.891	1.625	1.518	1.332	1.160	1.051	0.945	0.772
x_1	0.9058	1.0000							
$\eta/(mPa \cdot s)$	0.675	0.553							
$T/^\circ C = 25.0$									95H2
x_2	0.0000	0.0976	0.1959	0.3010	0.3987	0.4994	0.5971	0.6887	0.8004
$\eta/(mPa \cdot s)$	0.545	0.638	0.744	0.868	0.994	1.140	1.296	1.453	1.661
x_2	0.9023	1.0000							
$\eta/(mPa \cdot s)$	1.868	2.082							
$T/^\circ C = 25.0$									90A4
x_1	0.0000	0.1507	0.3173	0.4488	0.5543	0.6671	0.7334	0.8196	0.8760
$\eta/(mPa \cdot s)$	2.0158	1.7964	1.4414	1.2276	1.0732	0.9208	0.8791	0.7685	0.6985
x_1	0.9461	1.0000							
$\eta/(mPa \cdot s)$	0.6044	0.5526							
$T/^\circ C = 25.0$									95H2
x_2	0.0000	0.0976	0.1959	0.3010	0.3987	0.4994	0.5971	0.6887	0.8004
$v/(mm^2/s)$	0.692	0.812	0.949	1.107	1.270	1.458	1.657	1.859	2.127
x_2	0.9023	1.0000							
$v/(mm^2/s)$	2.392	2.667							
$T/^\circ C = 10.0$									90S6

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\nu /(\text{mm}^2/\text{s})$	0.8540	0.9198	1.0081	1.1278	1.2824	1.4287	1.7235	2.0713	2.5238
x_2	0.90	1.00							
$\nu /(\text{mm}^2/\text{s})$	3.1614	4.1940							
$T / ^\circ\text{C} = 20.0$									90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\nu /(\text{mm}^2/\text{s})$	0.7450	0.8175	0.9047	1.0132	1.1463	1.3049	1.4984	1.7503	2.0498
x_2	0.90	1.00							
$\nu /(\text{mm}^2/\text{s})$	2.4602	3.0808							
$T / ^\circ\text{C} = 30.0$									90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\nu /(\text{mm}^2/\text{s})$	0.6600	0.7311	0.8117	0.9054	1.0159	1.1395	1.2796	1.4527	1.6620
x_2	0.90	1.00							
$\nu /(\text{mm}^2/\text{s})$	1.9312	2.3054							
$T / ^\circ\text{C} = 40.0$									90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\nu /(\text{mm}^2/\text{s})$	0.5810	0.6434	0.7144	0.7918	0.8793	0.9731	1.0765	1.1954	1.3445
x_2	0.90	1.00							
$\nu /(\text{mm}^2/\text{s})$	1.5254	1.7629							
$T / ^\circ\text{C} = 50.0$									90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\nu /(\text{mm}^2/\text{s})$	0.5160	0.5570	0.6046	0.6598	0.7215	0.7898	0.8659	0.9561	1.0633
x_2	0.90	1.00							
$\nu /(\text{mm}^2/\text{s})$	1.1985	1.3771							
$T / \text{K} = 298.15$									84W1
φ_1	0.0000	0.1975	0.3013	0.3971	0.5149	0.5928	0.7064	0.7895	0.9021
$\nu /(\text{mm}^2/\text{s})$	2.6086	1.8044	1.5682	1.3698	1.1732	1.0688	0.9393	0.8593	0.7673
φ_1	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.7020								
589	CH₄O (1) C₃H₈O₂ (2)		methanol 2-methoxy-ethanol						67-56-1 109-86-4
$T / \text{K} = 308.15$									95R3
x_2	0.0000	0.1175	0.2098	0.3143	0.4866	0.6126	0.7620	0.8201	0.9101
$\eta /(\text{mPa s})$	0.479	0.569	0.640	0.717	0.844	0.930	1.036	1.074	1.130
x_2	1.0000								
$\eta /(\text{mPa s})$	1.189								
590	CH₄O (1)		methanol						67-56-1

	C₃H₉N (2)		propylamine					107-10-8	
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.0987	0.1995	0.2868	0.3970	0.4985	0.5475	0.6249	0.6977
<i>η</i> /(mPa s)	0.3650	0.4013	0.4374	0.4756	0.5323	0.5872	0.6104	0.6414	0.6580
<i>x</i> ₁	0.8000	0.8982	0.9499	1.0000					
<i>η</i> /(mPa s)	0.6520	0.6144	0.5827	0.5457					
A table is given in the original source 95P1 for pressures up to 52 MPa.									
591	CH₄O (1) C₄H₆O₃ (2)		methanol 4-methyl-1,3-dioxolan-2-one					67-56-1 108-32-7	
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.0512	0.0983	0.1406	0.1883	0.2587	0.3430	0.3986	0.4723
<i>η</i> /(mPa s)	2.4711	2.2662	2.0971	1.9579	1.8106	1.6157	1.4144	1.2982	1.1670
<i>x</i> ₁	0.5124	0.5819	0.6762	0.7580	0.8297	0.9256	0.9495	1.0000	
<i>η</i> /(mPa s)	1.1069	1.0009	0.8678	0.7707	0.6887	0.5981	0.5805	0.5437	
<i>T</i> /K = 308.15									
<i>x</i> ₁	0.0000	0.0512	0.0983	0.1406	0.1883	0.2587	0.3430	0.4723	
<i>η</i> /(mPa s)	2.0476	1.8952	1.7572	1.6479	1.5334	1.3773	1.2129	1.0020	
<i>x</i> ₁	0.5124	0.5819	0.6762	0.8297	0.8931	0.9256	0.9495	1.0000	
<i>η</i> /(mPa s)	0.9480	0.8651	0.7581	0.6034	0.5517	0.5282	0.5118	0.4799	
<i>T</i> /K = 318.15									
<i>x</i> ₁	0.0000	0.0512	0.0983	0.1406	0.1883	0.2587	0.3430	0.3986	0.4723
<i>η</i> /(mPa s)	1.7243	1.5939	1.4804	1.3931	1.2985	1.1688	1.0340	0.9607	0.8683
<i>x</i> ₁	0.5124	0.5819	0.8297	0.8931	0.9256	0.9495	1.0000		
<i>η</i> /(mPa s)	0.8232	0.7459	0.5281	0.4829	0.4621	0.4486	0.4216		
<i>T</i> /K = 298.15									
<i>x</i> ₂	0.00	0.10	0.20	0.40	0.60	1.00			
<i>η</i> /(mPa s)	0.544	0.626	0.719	0.975	1.297	2.471			
<i>T</i> /°C = 25.0									
<i>x</i> ₂	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.00
<i>η</i> /(mPa s)	0.5570	0.657	0.764	0.871	1.019	1.167	1.358	1.556	1.851
<i>x</i> ₂	0.90	1.00							
<i>η</i> /(mPa s)	2.158	2.570							
592	CH₄O (1) C₄H₇NO (2)		methanol pyrrolidin-2-one					67-56-1 616-45-5	
<i>T</i> /K = 298.15									
91G1									

x_2	0.0998	0.1997	0.2964	0.3979	0.4942	0.5944	0.6912	0.7887	0.8968
$\eta^E/(\text{mPa s})$	-1.060	-2.035	-2.924	-3.701	-4.271	-4.602	-4.576	-4.083	-2.654
$T/\text{K} = 303.15$									91G1
x_2	0.0998	0.1997	0.2964	0.3979	0.4942	0.5944	0.6912	0.7887	0.8968
$\eta^E/(\text{mPa s})$	-0.843	-1.612	-2.307	-2.909	-3.337	-3.563	-3.546	-3.120	-2.001
$T/\text{K} = 313.15$									91G1
x_2	0.0998	0.1997	0.2964	0.3979	0.4942	0.5944	0.6912	0.7887	0.8968
$\eta^E/(\text{mPa s})$	-0.550	-1.045	-1.488	-1.855	-2.107	-2.215	-2.182	-1.887	-1.186
$T/\text{K} = 323.15$									91G1
x_2	0.0998	0.1997	0.2964	0.3979	0.4942	0.5944	0.6912	0.7887	0.8968
$\eta^E/(\text{mPa s})$	-0.375	-0.711	-1.004	-1.243	-1.397	-1.465	-1.412	-1.206	-0.743

593 **CH₄O (1)** **methanol** **67-56-1**
C₄H₈O (2) **butan-2-one** **78-93-3**

$T/^\circ\text{C} = 30.0$ 97A1

x_2	0.0000	0.1114	0.2037	0.3110	0.4211	0.5340	0.6191	0.7506	0.9085
$\eta/(\text{mPa s})$	0.5211	0.4855	0.4639	0.4415	0.4256	0.4055	0.3975	0.3874	0.3712

x_2	1.0000
$\eta/(\text{mPa s})$	0.3655

$T/^\circ\text{C} = 35.0$ 97A1

x_2	0.0000	0.1114	0.2037	0.3110	0.4211	0.5340	0.6191	0.7506	0.9085
$\eta/(\text{mPa s})$	0.4786	0.4495	0.4256	0.4113	0.3956	0.3812	0.3746	0.3656	0.3573

x_2	1.0000
$\eta/(\text{mPa s})$	0.3525

$T/^\circ\text{C} = 40.0$ 97A1

x_2	0.0000	0.1114	0.2037	0.3110	0.4211	0.5340	0.6191	0.7506	0.9085
$\eta/(\text{mPa s})$	0.4373	0.4123	0.4012	0.3912	0.3812	0.3723	0.3658	0.3555	0.3472

x_2	1.0000
$\eta/(\text{mPa s})$	0.3421

594 **CH₄O (1)** **methanol** **67-56-1**
C₄H₈O (2) **tetrahydro-furan** **109-99-9**

$T/\text{K} = 298.15$ 93G2

x_1	0.0000	0.0711	0.2147	0.4381	0.5720	0.6847	0.8099	0.8891	0.9584
$\eta/(\text{mPa s})$	0.4730	0.4615	0.4510	0.4496	0.4598	0.4703	0.4945	0.5148	0.5328

x_1	1.0000
$\eta/(\text{mPa s})$	0.5445

$T/\text{K} = 293.15$ 79N1

x_2	0.00	0.33	0.54	0.71	0.74	0.82	0.86	0.90	1.00
η /(mPa s)	0.601	0.505	0.487	0.495	0.496	0.495	0.498	0.504	0.506
T /K = 198.15									79N1
x_2	0.00	0.176	0.33	0.40	0.60	0.74	0.82	0.86	0.90
η /(mPa s)	4.40	3.20	2.65	2.45	2.10	2.05	2.05	2.00	1.98
x_2	0.95	1.00							
η /(mPa s)	2.00	2.01							
595	CH₄O (1)		methanol						67-56-1
	C₄H₈O₂ (2)		acetic acid ethyl ester						141-78-6
T /K = 298.15									96N2
x_2	0.0000	0.0388	0.0833	0.1348	0.1951	0.2667	0.3529	0.4589	0.5924
η /(mPa s)	0.551	0.529	0.509	0.490	0.475	0.461	0.453	0.446	0.439
x_2	0.7659	1.0000							
η /(mPa s)	0.432	0.424							
T /K = 303.15									96N2
x_2	0.0000	0.0388	0.0833	0.1348	0.1951	0.2667	0.3529	0.4589	0.5924
η /(mPa s)	0.523	0.497	0.474	0.458	0.445	0.431	0.424	0.416	0.411
x_2	0.7659	1.0000							
η /(mPa s)	0.406	0.400							
T /K = 308.15									96N2
x_2	0.0000	0.0388	0.0833	0.1348	0.1951	0.2667	0.3529	0.4589	0.5924
η /(mPa s)	0.493	0.461	0.439	0.425	0.413	0.401	0.395	0.391	0.387
x_2	0.7659	1.0000							
η /(mPa s)	0.386	0.385							
T /°C = 20.0									81N2
φ_1	0.00	0.04	0.10	0.15	0.20	0.25	0.60	1.00	
η /(mPa s)	0.489	0.484	0.473	0.471	0.472	0.476	0.521	0.606	
T /°C = 15.0									69M2
x_2	0.065	0.115	0.306	0.321	0.445	0.598	0.797	1.0000	
η /(mPa s)	0.589	0.562	0.508	0.504	0.482	0.470	0.467	0.479	
T /°C = 20.0									69M2
x_2	0.000	0.065	0.115	0.306	0.321	0.445	0.598	0.797	1.000
η /(mPa s)	0.581	0.549	0.528	0.475	0.471	0.453	0.444	0.442	0.454
T /°C = 30.0									69M2
x_2	0.000	0.065	0.115	0.306	0.321	0.445	0.598	0.797	1.000
η /(mPa s)	0.509	0.477	0.462	0.422	0.418	0.403	0.397	0.398	0.409
T /°C = 40.0									69M2

x_2	0.000	0.065	0.115	0.306	0.321	0.445	0.598	0.797	1.000
η /(mPa s)	0.453	0.424	0.413	0.377	0.376	0.364	0.360	0.362	0.372
$T/^\circ\text{C} = 50.0$									69M2
x_2	0.000	0.065	0.115	0.306	0.321	0.445	0.598	0.797	1.000
η /(mPa s)	0.404	0.378	0.368	0.342	0.341	0.333	0.328	0.332	0.341
$T/^\circ\text{C} = 15.0$									67P1
x_2	0.065	0.115	0.306	0.321	0.445	0.598	0.797	0.864	
η /(mPa s)	0.589	0.562	0.508	0.504	0.482	0.470	0.467	0.442	
$T/^\circ\text{C} = 20.0$									67P1
x_2	0.000	0.065	0.115	0.306	0.321	0.445	0.598	0.797	0.864
η /(mPa s)	0.581	0.549	0.528	0.475	0.471	0.453	0.444	0.442	0.454
$T/^\circ\text{C} = 30.0$									67P1
x_2	0.000	0.065	0.115	0.306	0.321	0.445	0.598	0.797	0.864
η /(mPa s)	0.509	0.477	0.462	0.422	0.418	0.403	0.397	0.398	0.409
$T/^\circ\text{C} = 40.0$									67P1
x_2	0.000	0.065	0.115	0.306	0.321	0.445	0.598	0.797	0.864
η /(mPa s)	0.453	0.424	0.413	0.377	0.376	0.364	0.360	0.362	0.372
$T/^\circ\text{C} = 50.0$									67P1
x_2	0.000	0.065	0.115	0.306	0.321	0.445	0.598	0.797	0.864
η /(mPa s)	0.404	0.378	0.368	0.342	0.341	0.333	0.328	0.332	0.341
596	CH₄O (1)		methanol						67-56-1
	C₄H₈O₂ (2)		1,4-dioxane						123-91-1
$T/\text{K} = 298.15$									97G2
x_2	0.1024	0.1637	0.1986	0.2516	0.3573	0.4496	0.5038	0.5790	0.6465
$\eta^{\text{E}}/(\text{mPa s})$	-0.022	-0.035	-0.041	-0.048	-0.061	-0.062	-0.066	-0.065	-0.058
x_2	0.7081	0.7476	0.8044	0.8594	0.9155				
$\eta^{\text{E}}/(\text{mPa s})$	-0.056	-0.046	-0.038	-0.029	-0.022				
$T/^\circ\text{C} = 15.0$									92P2
x_1	0.00000	0.19754	0.34474	0.47435	0.58355	0.67818	0.75876	0.83121	
η /(mPa s)	1.4256	1.1407	0.9806	0.8783	0.7936	0.7330	0.6915	0.6595	
x_1	0.89357	0.95027	1.00000						
η /(mPa s)	0.6411	0.6298	0.6261						
$T/^\circ\text{C} = 20.0$									92P2
x_1	0.00000	0.19754	0.34474	0.47435	0.58355	0.67818	0.75876	0.83121	
η /(mPa s)	1.2972	1.0452	0.9049	0.8065	0.7327	0.6805	0.6441	0.6135	
x_1	0.89357	0.95027	1.00000						
η /(mPa s)	0.5998	0.5900	0.5811						

$T/^\circ\text{C} = 25.0$									92P2
x_1	0.00000	0.19754	0.34474	0.47435	0.58355	0.67818	0.75876	0.83121	
$\eta /(\text{mPa s})$	1.1944	0.9612	0.8454	0.7506	0.6825	0.6352	0.6047	0.5780	
x_1	0.89357	0.95027	1.00000						
$\eta /(\text{mPa s})$	0.5543	0.5443	0.5422						
$T/^\circ\text{C} = 30.0$									92P2
x_1	0.00000	0.19754	0.34474	0.47435	0.58355	0.67818	0.75876	0.83121	
$\eta /(\text{mPa s})$	1.0937	0.8931	0.7780	0.6981	0.6349	0.5919	0.5568	0.5316	
x_1	0.89357	0.95027	1.00000						
$\eta /(\text{mPa s})$	0.5157	0.5063	0.5028						
$T/^\circ\text{C} = 35.0$									92P2
x_1	0.00000	0.19754	0.34474	0.47435	0.58355	0.67818	0.75876	0.83121	
$\eta /(\text{mPa s})$	1.0112	0.8310	0.7262	0.6503	0.5930	0.5507	0.5200	0.4970	
x_1	0.89357	0.95027	1.00000						
$\eta /(\text{mPa s})$	0.4817	0.4725	0.4694						
$T/^\circ\text{C} = 20.0$									81N2
φ_1	0.00	0.03	0.05	0.07	0.10	0.13	0.15	0.18	0.20
$\eta /(\text{mPa s})$	1.370	1.260	1.208	1.140	1.085	1.030	1.010	0.970	0.932
φ_1	0.25	0.30	0.40	0.50	0.55	1.00			
$\eta /(\text{mPa s})$	0.880	0.847	0.767	0.7025	0.690	0.606			
$T/^\circ\text{C} = 25.0$									67D1
w_2	0.0000	0.4015	0.5093	0.6007	0.6571				
$\eta /(\text{mPa s})$	0.552	0.584	0.615	0.651	0.681				
$T/^\circ\text{C} = 30.0$									58L1
x_1	0.0000	0.2250	0.4115	0.6620	0.9230	1.0000			
$\eta /(\text{mPa s})$	1.096	0.877	0.733	0.603	0.520	0.509			
$T/^\circ\text{C} = 55.0$									58L1
x_1	0.0000	0.2250	0.4115	0.6620	0.9230	1.0000			
$\eta /(\text{mPa s})$	0.758	0.616	0.521	0.432	0.382	0.370			
$T/^\circ\text{C} = 10.04$									42A1
w_1	0.00000	0.09392	0.19231	0.30410	0.40925	0.49975	0.60206	0.69931	
$\eta /(\text{mPa s})$	1.5941	1.1809	1.0169	0.8882	0.8111	0.7612	0.7242	0.7005	
w_1	0.80666	0.90569	1.00000						
$\eta /(\text{mPa s})$	0.6847	0.6787	0.6783						
$T/^\circ\text{C} = 20.0$									42A1
w_1	0.00000	0.10635	0.19231	0.30410	0.40925	0.49975	0.60206	0.69931	
$\eta /(\text{mPa s})$	1.3133	0.9992	0.8686	0.7639	0.6972	0.6579	0.6268	0.6069	
w_1	0.80666	0.90569	1.00000						

η / (mPa s)	0.5935	0.5877	0.5858						
T / °C = 30.0									42A1
w_1	0.00000	0.09392	0.20010	0.30586	0.40782	0.50695	0.60624	0.70353	
η / (mPa s)	1.1040	0.8759	0.7425	0.6573	0.6056	0.5694	0.5455	0.5288	
w_1	0.80058	0.90119	1.00000						
η / (mPa s)	0.5172	0.5105	0.5080						
T / °C = 40.0									42A1
w_1	0.00000	0.10635	0.20010	0.30410	0.40782	0.50695	0.60624	0.70353	
η / (mPa s)	0.9421	0.7401	0.6436	0.5763	0.5294	0.4990	0.4782	0.4627	
w_1	0.80666	0.90569	1.00000						
η / (mPa s)	0.4520	0.4460	0.4438						
T / °C = 50.0									42A1
w_1	0.00000	0.10635	0.19231	0.30410	0.40925	0.49975	0.60206	0.69931	
η / (mPa s)	0.8190	0.6508	0.5742	0.5093	0.4701	0.4449	0.4249	0.4107	
w_1	0.80666	0.90569	1.00000						
η / (mPa s)	0.4003	0.3949	0.3913						
T / °C = 20.0									29H1
w_2	0.10	0.40	0.50	0.60	0.70	0.90			
η / (mPa s)	0.597	0.631	0.664	0.707	0.767	1.007			
T / °C = 40.0									29H1
w_2	0.10	0.40	0.50	0.60	0.70	0.90			
η / (mPa s)	0.466	0.498	0.516	0.552	0.598	0.786			

597	CH₄O (1)	methanol						67-56-1	
	C₄H₈O₂S (2)	tetrahydro-thiophene-1,1-dioxide						126-33-0	
T / °C = 30.0									74J1
x_2	0.0000	0.0680	0.1103	0.1658	0.2274	0.3087	0.4056	0.5284	0.6422
η / (mPa s)	0.5075	0.5856	0.6512	0.7560	0.8999	1.130	1.495	2.142	3.025
x_2	0.7703	1.0000							
η / (mPa s)	4.551	10.295							
T / °C = 35.0									74J1
x_2	0.0000	0.0680	0.1103	0.1658	0.2274	0.3087	0.4056	0.5284	0.6422
η / (mPa s)	0.4745	0.5474	0.6081	0.7042	0.8344	1.047	1.378	1.960	2.753
x_2	0.7703	1.0000							
η / (mPa s)	4.100	9.033							
T / °C = 40.0									74J1
x_2	0.0000	0.0680	0.1103	0.1658	0.2274	0.3087	0.4056	0.5284	0.6422
η / (mPa s)	0.4445	0.5133	0.5686	0.6574	0.7787	0.9753	1.279	1.803	2.515
x_2	0.7703	1.0000							

η /(mPa s)	3.722	8.007							
$T/^\circ\text{C} = 25.0$									
x_2	0.0000	0.0496	0.0966	0.1632	0.2282	0.3060	0.3969	0.5037	0.6337
η /(mPa s)	0.550	0.607	0.694	0.814	0.985	1.227	1.587	2.208	3.233
x_2	0.7949								
η /(mPa s)	5.516								
$T/^\circ\text{C} = 30.0$									
x_2	0.0000	0.0496	0.0966	0.1632	0.2282	0.3060	0.3969	0.5037	0.6337
η /(mPa s)	0.516	0.569	0.648	0.757	0.916	1.137	1.458	2.022	2.982
x_2	0.7949	1.0000							
η /(mPa s)	5.126	10.20							
$T/^\circ\text{C} = 40.0$									
x_2	0.0000	0.0496	0.0966	0.1632	0.2282	0.3060	0.3969	0.5037	0.6337
η /(mPa s)	0.451	0.498	0.565	0.661	0.792	0.986	1.238	1.687	2.466
x_2	0.7949	1.0000							
η /(mPa s)	4.165	7.959							
$T/^\circ\text{C} = 50.0$									
x_2	0.0000	0.0496	0.0966	0.1632	0.2282	0.3060	0.3969	0.5037	0.6337
η /(mPa s)	0.397	0.437	0.495	0.579	0.686	0.867	1.062	1.467	2.125
x_2	0.7949	1.0000							
η /(mPa s)	3.476	6.299							

598 **CH₄O (1)** **methanol** **67-56-1**
C₄H₉NO (2) **N,N-dimethyl-acetamide** **127-19-5**

$T/\text{K} = 303.15$									
x_2	0.0000	0.0976	0.1993	0.2967	0.3971	0.4998	0.5962	0.6480	0.7762
η /(mPa s)	0.513	0.572	0.626	0.673	0.712	0.750	0.780	0.795	0.829
x_2	0.8699	1.0000							
η /(mPa s)	0.846	0.871							

599 **CH₄O (1)** **methanol** **67-56-1**
C₄H₁₀O (2) **butan-1-ol** **71-36-3**

$T/\text{K} = 298.15$									
x_1	0.0000	0.1362	0.2224	0.3020	0.4090	0.5154	0.6105	0.6930	0.8012
η /(mPa s)	2.620	2.200	1.966	1.768	1.528	1.312	1.139	0.999	0.833
x_1	0.9004	1.0000							
η /(mPa s)	0.690	0.553							

$T/^\circ\text{C} = 30.0$ 81S2

x_1	0.0000	0.2010	0.2846	0.3614	0.4291	0.4920	0.6007	0.6929	0.7719
η /(mPa s)	2.2707	1.8261	1.6016	1.4495	1.3109	1.1913	1.0379	0.8879	0.7812
x_1	0.8404	0.9003	1.0000						
η /(mPa s)	0.6887	0.6154	0.50985						
$T/\text{K} = 283.15$									86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60
v /(mm ² /s)	0.8622	1.4501	1.7502	2.0000	2.2503	2.6302	3.0000	3.3000	3.6251
x_2	0.70	0.80	0.90	1.00					
v /(mm ² /s)	3.8251	4.2000	4.4751	4.7210					
$T/\text{K} = 298.15$									86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60
v /(mm ² /s)	0.6953	0.9001	1.0249	1.2502	1.3749	1.6500	1.9000	2.1500	2.4000
x_2	0.70	0.80	0.90	1.00					
v /(mm ² /s)	2.6000	2.8251	3.0251	3.2243					
$T/\text{K} = 313.15$									86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60
v /(mm ² /s)	0.5812	0.7003	0.8251	0.9501	1.0248	1.2251	1.4000	1.5500	1.7000
x_2	0.70	0.80	0.90	1.00					
v /(mm ² /s)	1.8501	2.0000	2.1251	2.2421					
$T/\text{K} = 328.15$									86P1
x_2	0.00	0.05	0.10	0.15	0.20	0.30	0.40	0.50	0.60
v /(mm ² /s)	0.4889	0.5504	0.6248	0.6751	0.7501	0.8752	1.0000	1.1003	1.2000
x_2	0.70	0.80	0.90	1.00					
v /(mm ² /s)	1.3000	1.4000	1.5001	1.5720					
$T/^\circ\text{C} = 30.0$									81S2
x_1	0.0000	0.2010	0.2846	0.3614	0.4291	0.4920	0.6007	0.6929	0.7719
v /(mm ² /s)	2.8306	2.2763	1.9996	1.8074	1.6390	1.4899	1.3037	1.1207	0.9897
x_1	0.8404	0.9003	1.0000						
v /(mm ² /s)	0.8757	0.7848	0.6516						
$x_2 = 0.00$									55G2
$T/^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	
v /(mm ² /s)	0.776	0.684	0.607	0.542	0.480	0.430	0.387	0.349	
$T/^\circ\text{C}$	100.0	110.0	120.0	130.0	140.0				
v /(mm ² /s)	0.315	0.286	0.261	0.244	0.223				
$x_2 = 0.335$									55G2
$T/^\circ\text{C}$	18.5	35.7	52.5	71.4	83.8	94.7	110.6		
v /(mm ² /s)	0.975	0.778	0.630	0.528	0.425	0.407	0.354		
$x_2 = 0.55$									55G2
$T/^\circ\text{C}$	24.0	45.0	64.5	82.5	102.0				

ν /(mm ² /s)	1.450	1.089	0.826	0.598	0.476				
$x_2 = 0.665$									55G2
$T/^\circ\text{C}$	26.0	49.0	65.0	82.0	100.0	118.0			
ν /(mm ² /s)	1.686	1.086	0.851	0.673	0.532	0.432			
$x_2 = 0.83$									55G2
$T/^\circ\text{C}$	21.6	24.0	44.9	60.0	76.5	100.0	113.4		
ν /(mm ² /s)	2.718	2.532	1.650	1.164	0.933	0.630	0.550		
$x_2 = 1.00$									55G2
$T/^\circ\text{C}$	20.0	41.0	66.0	81.0	95.0	113.0	130.0		
ν /(mm ² /s)	3.808	2.472	1.437	1.072	0.843	0.662	0.486		

600 **CH₄O (1)** **methanol** **67-56-1**
 C₄H₁₀O (2) **butan-2-ol** **78-92-2**

$T/\text{K} = 298.15$									98C1
x_1	0.0000	0.1153	0.2124	0.2972	0.3974	0.4714	0.5959	0.6710	0.8045
η /(mPa s)	3.115	2.681	2.341	2.063	1.765	1.563	1.263	1.102	0.852
x_1	0.8927	1.0000							
η /(mPa s)	0.711	0.553							

601 **CH₄O (1)** **methanol** **67-56-1**
 C₄H₁₀O (2) **2-methyl-propan-2-ol** **75-65-0**

$T/\text{K} = 303.2$									95R6
x_1	0.000	0.050	0.100	0.150	0.200	0.300	0.400	0.500	0.600
η /(mPa s)	3.333	3.285	3.166	3.000	2.806	2.400	2.016	1.649	1.360
x_1	0.700	0.800	0.850	0.900	0.950	1.000			
η /(mPa s)	1.069	0.842	0.746	0.658	0.574	0.497			
$T/\text{K} = 303.15$									91M2
x_2	0.0000	0.0546	0.1247	0.2518	0.3661	0.4988	0.6163	0.7496	0.8651
η /(mPa s)	0.512	0.588	0.710	0.967	1.267	1.702	2.130	2.656	3.089
x_2	1.0000								
η /(mPa s)	3.380								
$T/\text{K} = 323.15$									91M2
x_2	0.0000	0.0546	0.1247	0.2518	0.3661	0.4988	0.6163	0.7496	0.8651
η /(mPa s)	0.392	0.443	0.516	0.664	0.812	0.994	1.153	1.308	1.397
x_2	1.0000								
η /(mPa s)	1.406								

A table is given in the original source 91M2 for pressures up to 30 MPa.

91M2

602	CH₄O (1) C₄H₁₀O₂ (2)	methanol 1,2-dimethoxy-ethane	67-56-1 110-71-4
$T/K = 303.15$			99H4
x_1	0.0000 0.2076	0.4013 0.5985 0.7765 1.0000	
$v/(mm^2/s)$	0.4691 0.4853	0.4943 0.5227 0.5656 0.6487	
603	CH₄O (1) C₄H₁₀O₃ (2)	methanol 2-(2-hydroxy-ethoxy)-ethanol	67-56-1 111-46-6
$T/^\circ C = 25.0$			77I1
x_2	0.0000 0.0448	0.0955 0.1537 0.2191 0.2965 0.3869 0.4938 0.6249	
$\eta/(mPa\ s)$	0.5427 0.7135	0.9586 1.3120 1.8300 2.6229 3.8517 5.8368 9.3558	
x_2	0.7896 0.8943	1.0000	
$\eta/(mPa\ s)$	15.7680 21.3040	28.0295	
$T/^\circ C = 25.0$			77I1
x_2	0.0000 0.0448	0.0955 0.1537 0.2191 0.2965 0.3869 0.4938 0.6249	
$v/(mm^2/s)$	0.6900 0.8670	1.1166 1.4676 1.9722 2.7293 3.8781 5.6983 8.8766	
x_2	0.7896 0.8943	1.0000	
$v/(mm^2/s)$	14.5448 19.3743	25.1770	
604	CH₄O (1) C₄H₁₁N (2)	methanol butylamine	67-56-1 109-73-9
$T/K = 298.15$			93P1
x_1	0.000 0.100	0.203 0.299 0.399 0.501 0.598 0.697 0.796	
$\eta/(mPa\ s)$	0.468 0.505	0.552 0.599 0.653 0.707 0.747 0.761 0.732	
x_1	0.900 1.000		
$\eta/(mPa\ s)$	0.650 0.546		
A table is given in the original source 93P1 for pressures up to 72 MPa.			93P1
605	CH₄O (1) C₅H₅N (2)	methanol pyridine	67-56-1 110-86-1
$T/K = 298.15$			97B1
x_1	0.0000 0.1249	0.2338 0.4192 0.5695 0.6940 0.7987 0.8881 0.9652	
$\eta/(mPa\ s)$	0.882 0.850	0.820 0.763 0.714 0.670 0.631 0.596 0.565	
x_1	1.0000		
$\eta/(mPa\ s)$	0.545		
606	CH₄O (1) C₅H₈O₂ (2)	methanol 2-methyl-acrylic acid methyl ester	67-56-1 80-62-6

<i>T</i> /K = 303.15										96S2
x_2	0.0000	0.0500	0.1020	0.1460	0.2010	0.2714	0.3690	0.4802	0.6024	
η /(mPa s)	0.5090	0.5104	0.5114	0.5126	0.5139	0.5155	0.5176	0.5198	0.5221	
x_2	0.7754	0.8836	0.9545	1.0000						
η /(mPa s)	0.5252	0.5269	0.5280	0.5290						
<i>T</i> /K = 313.15										96S2
x_2	0.0000	0.0500	0.1020	0.1460	0.2010	0.2714	0.3690	0.4802	0.6024	
η /(mPa s)	0.4440	0.4444	0.4451	0.4464	0.4474	0.4485	0.4496	0.4504	0.4510	
x_2	0.7754	0.8836	0.9545	1.0000						
η /(mPa s)	0.4515	0.4521	0.4526	0.4530						
607	CH₄O (1) C₅H₈O₃ (2)	methanol 3-oxo-butyric acid methyl ester							67-56-1 105-45-3	
<i>T</i> /K = 298.15										93A1
x_2	0.0000	0.1017	0.1887	0.3013	0.4048	0.5038	0.6056	0.7015	0.8024	
η /(mPa s)	0.542	0.599	0.662	0.757	0.858	0.954	1.064	1.163	1.288	
x_2	0.8994	1.0000								
η /(mPa s)	1.413	1.566								
<i>T</i> /K = 303.15										93A1
x_2	0.0000	0.1017	0.1887	0.3013	0.4048	0.5038	0.6056	0.7015	0.8024	
η /(mPa s)	0.506	0.563	0.618	0.704	0.793	0.879	0.978	1.066	1.176	
x_2	0.8994	1.0000								
η /(mPa s)	1.288	1.422								
<i>T</i> /K = 308.15										93A1
x_2	0.0000	0.1017	0.1887	0.3013	0.4048	0.5038	0.6056	0.7015	0.8024	
η /(mPa s)	0.474	0.525	0.578	0.657	0.737	0.815	0.902	0.984	1.082	
x_2	0.8994	1.0000								
η /(mPa s)	1.180	1.298								
608	CH₄O (1) C₅H₉NO (2)	methanol 1-methyl-pyrrolidin-2-one							67-56-1 872-50-4	
<i>T</i> /°C = 20.0										70G1
w_1	0.0000	0.1415	0.1461	0.2557	0.3549	0.4363	0.5422	0.6284	0.6764	
η /(mPa s)	0.58	0.64	0.64	0.70	0.78	0.82	0.92	1.00	1.07	
w_1	0.7578	0.8242	0.8606	0.9276	0.9681	1.0000				
η /(mPa s)	1.20	2.32	1.40	1.57	1.70	1.87				
<i>T</i> /°C = 40.0										70G1
w_1	0.0000	0.1415	0.1461	0.2557	0.3549	0.4363	0.5422	0.6284	0.6764	

η /(mPa s)	0.45	0.49	0.48	0.54	0.60	0.62	0.69	0.76	0.81
w_1	0.7578	0.8242	0.8606	0.9276	0.9681	1.0000			
η /(mPa s)	0.91	0.98	1.04	1.16	1.25	1.36			
$T/^\circ\text{C} = 50.0$									70G1
w_1	0.0000	0.1415	0.1461	0.2557	0.3549	0.4363	0.5422	0.6284	0.6764
η /(mPa s)	0.39	0.43	0.43	0.48	0.53	0.56	0.61	0.68	0.72
w_1	0.7578	0.8242	0.8606	0.9276	0.9681	1.0000			
η /(mPa s)	0.80	0.86	0.91	1.05	1.09	1.17			

609 **CH₄O (1)** **methanol** **67-56-1**
 C₅H₁₂O (2) **2-methoxy-2-methyl-propane** **1634-04-4**

$T/\text{K} = 298.15$									99P1
x_2	0.0000	0.0048	0.0234	0.0483	0.0818	0.1136	0.1601	0.1987	0.2377
η /(mPa s)	0.550	0.549	0.547	0.544	0.535	0.526	0.510	0.496	0.483
x_2	0.2656	0.3162	0.3736	0.4299	0.4810	0.5141	0.5796	0.6163	0.7002
η /(mPa s)	0.475	0.462	0.446	0.433	0.420	0.413	0.399	0.394	0.382
x_2	0.7768	0.8313	0.8980	0.9429	1.0000				
η /(mPa s)	0.370	0.363	0.356	0.346	0.340				

610 **CH₄O (1)** **methanol** **67-56-1**
 C₅H₁₃NO₂S (2) **N,N-diethyl-methanesulfonamide** **2374-61-0**

$T/\text{K} = 303.15$									88P1
x_2	0.0000	0.0650	0.1394	0.2155	0.2885	0.3717	0.4509	0.5148	0.5856
η /(mPa s)	0.514	0.604	0.730	0.884	1.034	1.234	1.451	1.645	1.878
x_2	0.6922	0.7686	0.8304	0.9084	1.0000				
η /(mPa s)	2.289	2.636	2.956	3.414	4.059				

611 **CH₄O (1)** **methanol** **67-56-1**
 C₅H₁₄OSi (2) **ethoxy-trimethyl-silane** **1825-62-3**

$T/^\circ\text{C} = 20.0$									64V1
x_2	0.0000	0.0280	0.0608	0.0999	0.1473	0.2058	0.2799	0.3768	0.5089
η /(mPa s)	0.5970	0.6100	0.6000	0.5989	0.5750	0.5477	0.5281	0.4900	0.4500
x_2	0.6958	1.0000							
η /(mPa s)	0.4089	0.3627							

612 **CH₄O (1)** **methanol** **67-56-1**
 C₆H₅NO₂ (2) **nitrobenzene** **98-95-3**

$T/\text{K} = 298.15$									95N1
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x_2	0.0000	0.0281	0.0612	0.1003	0.1478	0.2065	0.2806	0.3909	0.5102
η /(mPa s)	0.5570	0.5789	0.6110	0.6507	0.7156	0.8044	0.8769	1.0063	1.1556
x_2	0.5937	0.8005	0.8978	1.0000					
η /(mPa s)	1.3722	1.5592	1.6932	1.8215					
T /K = 303.15									95N1
x_2	0.0000	0.0281	0.0612	0.1003	0.1478	0.2065	0.2806	0.3909	0.5102
η /(mPa s)	0.5232	0.5410	0.5673	0.6070	0.6653	0.7342	0.8100	0.9279	1.0932
x_2	0.5937	0.8005	0.8978	1.0000					
η /(mPa s)	1.2976	1.4846	1.5342	1.6655					
T /°C = 25.0									91J2
x_2	0.0000	0.0474	0.0923	0.1393	0.2078	0.3215	0.3705	0.4767	0.6112
η /(mPa s)	0.5260	0.5717	0.6216	0.6731	0.7468	0.8731	0.9384	1.0363	1.1812
x_2	0.7996	1.0000							
η /(mPa s)	1.3758	1.7694							
T /°C = 30.0									91J2
x_2	0.0000	0.0474	0.0923	0.1393	0.2078	0.3215	0.3705	0.4767	0.6112
η /(mPa s)	0.4956	0.5388	0.5849	0.6315	0.6983	0.8107	0.8753	0.9656	1.0978
x_2	0.7996	1.0000							
η /(mPa s)	1.2710	1.6201							
T /°C = 35.0									91J2
x_2	0.0000	0.0474	0.0923	0.1393	0.2078	0.3215	0.3705	0.4767	0.6112
η /(mPa s)	0.4770	0.5161	0.5553	0.6093	0.6653	0.7691	0.8215	0.9171	1.0372
x_2	0.7996	1.0000							
η /(mPa s)	1.2167	1.5274							
T /°C = 40.0									91J2
x_2	0.0000	0.0474	0.0923	0.1393	0.2078	0.3215	0.3705	0.4767	0.6112
η /(mPa s)	0.4284	0.4636	0.5014	0.5443	0.5981	0.6875	0.7394	0.8195	0.9378
x_2	0.7996	1.0000							
η /(mPa s)	1.0757	1.3544							
T /°C = 20.0									50S1
w_1	0.0000	0.0719	0.2616	0.4788	0.5889	0.7539	0.8593	0.9296	0.9852
η /(mPa s)	1.8602	1.6976	1.4159	1.1607	1.0357	0.8366	0.7113	0.6279	0.5642
w_1	1.0000								
η /(mPa s)	0.5460								
613	CH₄O (1)	methanol							67-56-1
	C₆H₆ (2)	benzene							71-43-2
T /°C = 10.0									72I1
x_2	0.00000	0.04357	0.22164	0.42162	0.60296	0.78165	0.92849	1.00000	

η /(mPa s)	0.6756	0.6873	0.7206	0.7348	0.7311	0.7232	0.7331	0.7604	
T /°C = 20.0									72I1
x_2	0.00000	0.04357	0.22164	0.42162	0.60296	0.78165	0.92849	1.00000	
η /(mPa s)	0.5821	0.5900	0.6132	0.6197	0.6164	0.6138	0.6252	0.6485	
T /°C = 30.0									72I1
x_2	0.00000	0.04357	0.22164	0.42162	0.60296	0.78165	0.92849	1.00000	
η /(mPa s)	0.5054	0.5121	0.5280	0.5315	0.5296	0.5278	0.5399	0.5608	
T /°C = 40.0									72I1
x_2	0.00000	0.04357	0.22164	0.42162	0.60296	0.78165	0.92849	1.00000	
η /(mPa s)	0.4423	0.4473	0.4585	0.4613	0.4593	0.4611	0.4736	0.4922	
T /°C = 50.0									72I1
x_2	0.00000	0.04357	0.22164	0.42162	0.60296	0.78165	0.92849	1.00000	
η /(mPa s)	0.3907	0.3935	0.4016	0.4039	0.4034	0.4073	0.4198	0.4363	
T /°C = 20.0									69M2
x_1	0.000	0.152	0.272	0.444	0.632	0.766	0.901	1.000	
η /(mPa s)	0.644	0.615	0.613	0.619	0.624	0.619	0.604	0.581	
T /°C = 30.0									69M2
x_1	0.000	0.152	0.272	0.444	0.632	0.766	0.901	1.000	
η /(mPa s)	0.559	0.534	0.532	0.536	0.535	0.534	0.527	0.509	
T /°C = 40.0									69M2
x_1	0.000	0.152	0.272	0.444	0.632	0.766	0.901	1.000	
η /(mPa s)	0.494	0.468	0.461	0.469	0.467	0.466	0.464	0.453	
T /°C = 50.0									69M2
x_1	0.000	0.152	0.272	0.444	0.632	0.766	0.901	1.000	
η /(mPa s)	0.440	0.416	0.414	0.415	0.414	0.412	0.411	0.404	
T /°C = 20.0									67P1
x_1	0.000	0.152	0.272	0.444	0.632	0.766	0.901	1.000	
η /(mPa s)	0.641	0.615	0.613	0.619	0.624	0.619	0.604	0.581	
T /°C = 30.0									67P1
x_1	0.000	0.152	0.272	0.444	0.632	0.766	0.901	1.000	
η /(mPa s)	0.559	0.534	0.532	0.536	0.535	0.543	0.527	0.509	
T /°C = 40.0									67P1
x_1	0.000	0.152	0.272	0.444	0.632	0.766	0.901	1.000	
η /(mPa s)	0.494	0.468	0.461	0.469	0.467	0.466	0.464	0.453	
T /°C = 50.0									67P1
x_1	0.000	0.152	0.272	0.444	0.632	0.766	0.901	1.000	
η /(mPa s)	0.440	0.416	0.414	0.415	0.414	0.412	0.411	0.404	
T /°C = 20.0									50T1

x_1	0.00	0.10	0.20	0.40	0.60	0.80	0.90	1.00	
η /(mPa s)	0.646	0.622	0.613	0.619	0.626	0.626	0.610	0.578	
$T/^\circ\text{C} = 10.0$									72I1
x_2	0.00000	0.04357	0.22164	0.42162	0.60296	0.78165	0.92849	1.00000	
ν /(mm ² /s)	0.8438	0.8498	0.8629	0.8588	0.8411	0.8222	0.8269	0.8547	
$T/^\circ\text{C} = 20.0$									72I1
x_2	0.00000	0.04357	0.22164	0.42162	0.60296	0.78165	0.92849	1.00000	
ν /(mm ² /s)	0.7356	0.7380	0.7430	0.7328	0.7178	0.7063	0.7137	0.7378	
$T/^\circ\text{C} = 30.0$									72I1
x_2	0.00000	0.04357	0.22164	0.42162	0.60296	0.78165	0.92849	1.00000	
ν /(mm ² /s)	0.6465	0.6484	0.6476	0.6363	0.6243	0.6150	0.6240	0.6459	
$T/^\circ\text{C} = 40.0$									72I1
x_2	0.00000	0.04357	0.22164	0.42162	0.60296	0.78165	0.92849	1.00000	
ν /(mm ² /s)	0.5726	0.5732	0.5694	0.5592	0.5483	0.5439	0.5543	0.5740	
$T/^\circ\text{C} = 50.0$									72I1
x_2	0.00000	0.04357	0.22164	0.42162	0.60296	0.78165	0.92849	1.00000	
ν /(mm ² /s)	0.5122	0.5109	0.5051	0.4961	0.4879	0.4868	0.4977	0.5152	

614 **CH₄O (1)** **methanol** **67-56-1**
 C₆H₆O (2) **phenol** **108-95-2**

$T/^\circ\text{C} = 15.0$									24W4
x_2	0.3333	0.4000	0.5000	0.5714	0.6622	0.7142			
η/η_{water}	1.66	2.06	2.74	3.27	4.46	5.15			

615 **CH₄O (1)** **methanol** **67-56-1**
 C₆H₇N (2) **aniline** **62-53-3**

$T/^\circ\text{C} = 25.0$									88S2
x_2	0.0395	0.0800	0.1814	0.2503	0.3035	0.3773	0.4565	0.5128	0.6128
η /(mPa s)	0.627	0.719	0.951	1.116	1.245	1.447	1.691	1.862	2.185
x_2	0.6925								
η /(mPa s)	2.460								
$T/^\circ\text{C} = 35.0$									88S2
x_2	0.0395	0.0800	0.1814	0.2503	0.3035	0.3773	0.4565	0.5128	0.6128
η /(mPa s)	0.539	0.607	0.784	0.900	1.007	1.145	1.315	1.439	1.663
x_2	0.6925								
η /(mPa s)	1.854								
$T/^\circ\text{C} = 45.0$									88S2
x_2	0.0395	0.0800	0.1814	0.2503	0.3035	0.3773	0.4565	0.5645	0.6128

η /(mPa s)	0.467	0.517	0.653	0.726	0.816	0.924	1.048	1.218	1.295
x_2	0.6925								
η /(mPa s)	1.441								
616	CH₄O (1) C₆H₇N (2)		methanol 4-methyl-pyridine						67-56-1 108-89-4
T /K = 298.15									99H1
x_1	0.0000	0.1673	0.2760	0.3035	0.4194	0.5171	0.6328	0.7977	0.8892
η /(mPa s)	0.8600	0.8666	0.8547	0.8458	0.8291	0.8161	0.7764	0.7033	0.6526
x_1	0.9670	1.0000							
η /(mPa s)	0.5799	0.5547							
617	CH₄O (1) C₆H₁₂ (2)		methanol methylcyclopentane						67-56-1 96-37-7
T /K = 298.15									82A2
x_2	0.0000	0.0528	0.1059	0.1906	0.2541	0.2859	0.3526	0.3957	0.4233
η /(mPa s)	0.545	0.538	0.534	0.532	0.531	0.532	0.532	0.534	0.536
x_2	0.8864	0.9393	0.9686	1.0000					
η /(mPa s)	0.486	0.468	0.465	0.473					
618	CH₄O (1) C₆H₁₂O (2)		methanol cyclohexanol						67-56-1 108-93-0
T /°C = 20.0									24W3
x_2	0.0000	0.2000	0.2500	0.3333	0.4000	0.5000	0.5714	0.6666	1.000
η/η_{water}	0.61	1.2	1.3	1.7	2.3	2.9	3.6	5.2	14.5
619	CH₄O (1) C₆H₁₄O (2)		methanol 3,3-dimethyl-butan-2-ol						67-56-1 464-07-3
T /K = 298.15									96A9
x_1	0.0000	0.1018	0.2939	0.3306	0.3710	0.5073	0.6096	0.7100	0.8024
η /(mPa s)	4.4307	4.1953	3.6352	3.4682	3.2236	2.5092	1.9593	1.5124	1.1368
x_1	0.9102	1.0000							
η /(mPa s)	0.7715	0.5425							
620	CH₄O (1) C₆H₁₄O (2)		methanol 2-ethyl-butan-1-ol						67-56-1 97-95-0
T /K = 298.15									96A9
x_1	0.0000	0.1241	0.2054	0.3133	0.4534	0.5051	0.6004	0.7073	0.8019

η /(mPa s)	5.8191	4.8058	4.1425	3.3804	2.4544	2.2143	1.7435	1.3297	1.0406
x_1	0.9015	1.0000							
η /(mPa s)	0.7598	0.5425							

621 **CH₄O (1)** **methanol** **67-56-1**
C₆H₁₄O (2) **hexan-1-ol** **111-27-3**

$T/K = 298.15$ 96A9

x_1	0.0000	0.1054	0.2016	0.3144	0.4093	0.5053	0.6027	0.7094	0.8038
η /(mPa s)	4.4862	3.8807	3.3508	2.7779	2.3480	1.9676	1.6148	1.2781	1.0012
x_1	0.9022	1.0000							
η /(mPa s)	0.7601	0.5425							

622 **CH₄O (1)** **methanol** **67-56-1**
C₆H₁₄O (2) **hexan-2-ol** **626-93-7**

$T/K = 298.15$ 96A9

x_1	0.0000	0.1062	0.2053	0.3128	0.4120	0.5053	0.6071	0.7030	0.8146
η /(mPa s)	4.0474	3.7467	3.3370	2.8917	2.4302	2.0399	1.6471	1.3146	0.9858
x_1	0.9006	1.0000							
η /(mPa s)	0.7707	0.5425							

623 **CH₄O (1)** **methanol** **67-56-1**
C₆H₁₄O (2) **hexan-3-ol** **623-37-0**

$T/K = 298.15$ 96A9

x_1	0.0000	0.1014	0.2029	0.3111	0.4188	0.5030	0.6078	0.7072	0.7994
η /(mPa s)	4.3405	4.2984	3.9446	3.3630	2.7369	2.2777	1.7579	1.3832	1.0540
x_1	0.9014	1.0000							
η /(mPa s)	0.7655	0.5425							

624 **CH₄O (1)** **methanol** **67-56-1**
C₆H₁₄O (2) **2-methoxy-2-methyl-butane** **994-05-8**

$T/K = 298.15$ 99P1

x_2	0.0000	0.0050	0.0339	0.0488	0.0714	0.1129	0.1508	0.1987	0.2009
η /(mPa s)	0.550	0.550	0.554	0.556	0.557	0.555	0.552	0.546	0.546
x_2	0.2388	0.2861	0.3409	0.3790	0.4252	0.4676	0.5142	0.5503	0.6236
η /(mPa s)	0.541	0.532	0.524	0.516	0.508	0.500	0.491	0.486	0.477
x_2	0.6574	0.6944	0.7437	0.7936	0.8642	0.9029	1.0000		
η /(mPa s)	0.473	0.468	0.462	0.457	0.450	0.446	0.438		

625	CH₄O (1) C₆H₁₄O (2)	methanol 2-methyl-pentan-1-ol								67-56-1 105-30-6
<i>T/K</i> = 298.15										
<i>x</i> ₁	0.0000	0.0849	0.2146	0.3193	0.4183	0.5192	0.6077	0.7069	0.8045	
<i>η</i> /(mPa s)	5.3039	4.6448	3.7573	3.0525	2.5256	2.0177	1.6763	1.2964	1.0180	
<i>x</i> ₁	0.9002	1.0000								
<i>η</i> /(mPa s)	0.7552	0.5425								
626	CH₄O (1) C₆H₁₄O (2)	methanol 4-methyl-pentan-2-ol								67-56-1 108-11-2
<i>T/K</i> = 298.15										
<i>x</i> ₁	0.0000	0.1191	0.2078	0.3157	0.4359	0.5125	0.6519	0.7023	0.8038	
<i>η</i> /(mPa s)	3.8229	3.5038	3.2627	2.8474	2.2974	1.9584	1.4586	1.2974	1.0024	
<i>x</i> ₁	0.9042	1.0000								
<i>η</i> /(mPa s)	0.7423	0.5425								
627	CH₄O (1) C₆H₁₄O (2)	methanol 3-methyl-pentan-3-ol								67-56-1 77-74-7
<i>T/K</i> = 298.15										
<i>x</i> ₁	0.0000	0.1032	0.2156	0.3158	0.4019	0.5004	0.6084	0.7088	0.8021	
<i>η</i> /(mPa s)	3.9176	3.7987	3.5526	3.3171	3.0481	2.5996	2.0790	1.5677	1.1597	
<i>x</i> ₁	0.9011	1.0000								
<i>η</i> /(mPa s)	0.8027	0.5425								
628	CH₄O (1) C₆H₁₄O₄ (2)	methanol 2-[2-(2-hydroxy-ethoxy)-ethoxy]-ethanol								67-56-1 112-27-6
<i>T/°C</i> = 25.0										
<i>x</i> ₂	0.0000	0.0322	0.0698	0.1141	0.1665	0.2317	0.3102	0.4100	0.5421	
<i>η</i> /(mPa s)	0.5427	0.7248	0.9849	1.3790	1.9473	2.8885	4.3443	6.7730	11.193	
<i>x</i> ₂	0.7298	0.8515	1.0000							
<i>η</i> /(mPa s)	19.8837	27.1200	37.3794							
<i>T/°C</i> = 25.0										
<i>x</i> ₂	0.0000	0.0322	0.0698	0.1141	0.1665	0.2317	0.3102	0.4100	0.5421	
<i>v</i> /(mm ² /s)	0.6900	0.8788	1.1439	1.5336	2.0910	2.9852	4.3356	6.5681	10.544	
<i>x</i> ₂	0.7298	0.8515	1.0000							
<i>v</i> /(mm ² /s)	18.2152	24.5230	33.3744							
629	CH₄O (1)	methanol								67-56-1

	C₆H₁₅N (2)		triethylamine							121-44-8
$T/K = 298.15$										84W1
φ_2	0.0000	0.1940	0.3028	0.3965	0.4830	0.6167	0.6746	0.8009	0.8837	
$\nu /(\text{mm}^2/\text{s})$	0.7020	0.7769	0.8025	0.8127	0.8058	0.7610	0.7257	0.6349	0.5792	
φ_2	1.0000									
$\nu /(\text{mm}^2/\text{s})$	0.4908									
$T/^\circ\text{C} = 25.0$										81K2
x_2	0.000	0.015	0.031	0.067	0.124	0.162	0.225	0.303	0.403	
$\eta /(\text{mPa s})$	0.5444	0.5485	0.5511	0.5556	0.5747	0.5700	0.5532	0.5450	0.5030	
x_2	0.537	0.723	1.000							
$\eta /(\text{mPa s})$	0.4458	0.4006	0.3563							
630	CH₄O (1)	C₆H₁₆O₂Si (2)		methanol diethoxy-dimethyl-silane						67-56-1 78-62-6
$T/^\circ\text{C} = 20.0$										64V1
x_2	0.0000	0.0249	0.0539	0.0892	0.1318	0.1858	0.2553	0.3474	0.4773	
$\eta /(\text{mPa s})$	0.5970	0.5981	0.6005	0.6144	0.6150	0.6239	0.5860	0.5584	0.5350	
x_2	0.6724	1.0000								
$\eta /(\text{mPa s})$	0.5001	0.4823								
631	CH₄O (1)	C₆H₁₈N₃OP (2)		methanol hexamethylphosphoric triamide						67-56-1 680-31-9
$T/K = 303.15$										92P4
x_2	0.0000	0.0993	0.2036	0.2984	0.3941	0.4882	0.5898	0.6978	0.7780	
$\eta /(\text{mPa s})$	0.513	0.829	1.145	1.401	1.630	1.846	2.070	2.308	2.476	
x_2	0.8966	1.0000								
$\eta /(\text{mPa s})$	2.722	2.928								
632	CH₄O (1)	C₇H₇NO₂ (2)		methanol 2-nitro-toluene						67-56-1 88-72-2
$T/^\circ\text{C} = 25.0$										57M1
x_2	0.0000	0.0021	0.0086	0.0163	0.0287	0.0599	0.0842	0.1480	0.1606	
$\eta / \eta_{\text{water}}$	0.6044	0.6092	0.6180	0.6268	0.6467	0.6978	0.7344	0.8389	0.8599	
x_2	0.2493	0.2659	0.3726	0.4073	0.4479	0.5681	0.6575	0.7936	0.8543	
$\eta / \eta_{\text{water}}$	1.0049	1.0331	1.2083	1.2574	1.3168	1.4993	1.6375	1.8608	1.9776	
x_2	0.9606	1.0000								
$\eta / \eta_{\text{water}}$	2.2268	2.3591								

633	CH₄O (1) C₇H₈ (2)	methanol toluene						67-56-1 108-88-3	
$T/^\circ\text{C} = 20.0$									92W1
x_2	0.0000	0.0405	0.0868	0.1401	0.2022	0.2755	0.3632	0.4701	0.6033
$\eta/(\text{mPa s})$	0.5840	0.5903	0.5951	0.6009	0.6067	0.6121	0.6167	0.6194	0.6184
x_2	0.7739	1.0000							
$\eta/(\text{mPa s})$	0.6098	0.5861							
$T/^\circ\text{C} = 25.0$									92W1
x_2	0.0000	0.0405	0.0868	0.1401	0.2022	0.2755	0.3632	0.4701	0.6033
$\eta/(\text{mPa s})$	0.5470	0.5520	0.5572	0.5628	0.5679	0.5730	0.5779	0.5803	0.5797
x_2	0.7739	1.0000							
$\eta/(\text{mPa s})$	0.5809	0.5540							
$T/^\circ\text{C} = 35.0$									92W1
x_2	0.0000	0.0405	0.0868	0.1401	0.2022	0.2755	0.3632	0.4701	0.6033
$\eta/(\text{mPa s})$	0.4803	0.4855	0.4908	0.4965	0.5022	0.5079	0.5132	0.5170	0.5188
x_2	0.7739	1.0000							
$\eta/(\text{mPa s})$	0.5021	0.5001							
$T/^\circ\text{C} = 45.0$									92W1
x_2	0.0000	0.0405	0.0868	0.1401	0.2022	0.2755	0.3632	0.4701	0.6033
$\eta/(\text{mPa s})$	0.4230	0.4298	0.4372	0.4452	0.4538	0.4629	0.4727	0.4817	0.4892
x_2	0.7739	1.0000							
$\eta/(\text{mPa s})$	0.4809	0.4939							
$T/^\circ\text{C} = 30.0$									91R3
x_2	0.0000	0.1073	0.1944	0.2919	0.4035	0.4946	0.6035	0.7003	0.8140
$\eta/(\text{mPa s})$	0.5245	0.5530	0.5469	0.5501	0.5454	0.5389	0.5333	0.5250	0.5197
x_2	1.0000								
$\eta/(\text{mPa s})$	0.5284								
$T/\text{K} = 293.15$									80C1
x_1	0.0000	0.7456	0.8178	0.9632	1.0000				
$\eta/(\text{mPa s})$	0.5883	0.6073	0.6149	0.6049	0.5835				
$T/\text{K} = 298.15$									80C1
x_1	0.0000	0.4032	0.7442	0.9625	1.0000				
$\eta/(\text{mPa s})$	0.5530	0.5406	0.5644	0.5599	0.5438				
$T/^\circ\text{C} = 20.0$									50T1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.593	0.582	0.601	0.620	0.623	0.578			
$T/^\circ\text{C} = 20.0$									58H4

x_1	0.000	0.071	0.140	0.209	0.291	0.354	0.479	0.506	0.6095
$\nu /(\text{mm}^2/\text{s})$	0.6786	0.6672	0.6683	0.6738	0.6849	0.6914	0.7134	0.7176	0.7338
x_1	0.736	0.778	0.837	0.901	0.938	1.000			
$\nu /(\text{mm}^2/\text{s})$	0.7486	0.7528	0.7542	0.7524	0.7471	0.7373			
$T/^\circ\text{C} = 25.0$									58H4
x_1	0.000	0.019	0.082	0.110	0.189	0.287	0.387	0.498	0.611
$\nu /(\text{mm}^2/\text{s})$	0.6414	0.6348	0.6284	0.6275	0.6314	0.6410	0.6543	0.6703	0.6852
x_1	0.734	0.822	0.833	0.901	0.950	1.000			
$\nu /(\text{mm}^2/\text{s})$	0.7009	0.7040	0.7049	0.7025	0.6991	0.6914			
$T/^\circ\text{C} = 37.80$									58H4
x_1	0.000	0.031	0.091	0.136	0.192	0.291	0.463	0.606	0.688
$\nu /(\text{mm}^2/\text{s})$	0.5621	0.5533	0.5480	0.5482	0.5487	0.5542	0.5700	0.5829	0.5904
x_1	0.7115	0.778	0.840	0.9045	1.000				
$\nu /(\text{mm}^2/\text{s})$	0.5931	0.5959	0.5982	0.5977	0.5908				
$T/^\circ\text{C} = 50.05$									58H4
x_1	0.000	0.028	0.089	0.150	0.198	0.258	0.340	0.425	0.603
$\nu /(\text{mm}^2/\text{s})$	0.5009	0.4938	0.4876	0.4852	0.4845	0.4865	0.4887	0.4938	0.5056
x_1	0.687	0.794	0.898	1.000					
$\nu /(\text{mm}^2/\text{s})$	0.5103	0.5152	0.5163	0.5138					
$T/^\circ\text{C} = 60.11$									58H4
x_1	0.000	0.026	0.088	0.196	0.263	0.333	0.414	0.529	0.599
$\nu /(\text{mm}^2/\text{s})$	0.4592	0.4530	0.4454	0.4410	0.4404	0.4426	0.4455	0.4499	0.4537
x_1	0.684	0.766	0.809	0.8975	1.000				
$\nu /(\text{mm}^2/\text{s})$	0.4575	0.4601	0.4610	0.4621	0.4590				
$T/^\circ\text{C} = 70.20$									58H4
x_1	0.000	0.0465	0.0975						
$\nu /(\text{mm}^2/\text{s})$	0.4238	0.4125	0.4086						
634	CH₄O (1)	C₇H₈O (2)	methanol	methoxybenzene					67-56-1
									100-66-3
$T/\text{K} = 298.15$									90J2
x_2	0.0000	0.1024	0.2039	0.2982	0.4027	0.4998	0.5991	0.7068	0.8061
$\eta /(\text{mPa s})$	0.5394	0.6111	0.6700	0.7131	0.7591	0.8009	0.8271	0.8651	0.8975
x_2	0.9023	1.0000							
$\eta /(\text{mPa s})$	0.9373	1.0023							
$T/\text{K} = 303.15$									90J2
x_2	0.0000	0.1024	0.2039	0.2982	0.4027	0.4998	0.5991	0.7068	0.8061
$\eta /(\text{mPa s})$	0.5090	0.5740	0.6257	0.6672	0.7035	0.7455	0.7718	0.8059	0.8374
x_2	0.9023	1.0000							
$\eta /(\text{mPa s})$	0.8779	0.9315							

$T/K = 308.15$										90J2
x_2	0.0000	0.1024	0.2039	0.2982	0.4027	0.4998	0.5991	0.7068	0.8061	
$\eta /(\text{mPa s})$	0.4879	0.5506	0.5983	0.6380	0.6731	0.7065	0.7350	0.7683	0.7978	
x_2	0.9023	1.0000								
$\eta /(\text{mPa s})$	0.8373	0.8896								
$T/K = 313.15$										90J2
x_2	0.0000	0.1024	0.2039	0.2982	0.4027	0.4998	0.5991	0.7068	0.8061	
$\eta /(\text{mPa s})$	0.4391	0.4934	0.5372	0.5706	0.6023	0.6345	0.6601	0.6865	0.7174	
x_2	0.9023	1.0000								
$\eta /(\text{mPa s})$	0.7510	0.7977								
$T/^\circ\text{C} = 25.0$										12B1
w_1	0.0000	0.1027	0.2100	0.3238	0.4440	0.5709	0.7060	0.8489	1.0000	
$\eta /(\text{mPa s})$	1.010	0.8361	0.8095	0.7563	0.7068	0.6622	0.6226	0.5863	0.5541	
635	CH₄O (1) C₇H₁₄O (2)		methanol 2-methyl-cyclohexanol							67-56-1 583-59-5
$T/^\circ\text{C} = 20.0$										25W2
x_2	0.2500	0.2857	0.3333	0.4000	0.5000	0.6666				
$\eta / \eta_{\text{water}}$	1.55	1.67	2.06	2.47	3.17	4.71				
636	CH₄O (1) C₇H₁₄O (2)		methanol 3-methyl-cyclohexanol							67-56-1 591-23-1
$T/^\circ\text{C} = 20.0$										25W2
x_2	0.2500	0.2857	0.3333	0.4000	0.5000	0.6666				
$\eta / \eta_{\text{water}}$	1.70	1.99	2.43	3.08	4.54	8.26				
637	CH₄O (1) C₇H₁₄O (2)		methanol 4-methyl-cyclohexanol							67-56-1 589-91-3
$T/^\circ\text{C} = 20.0$										25W2
x_2	0.2500	0.2857	0.3333	0.4000	0.5000	0.6666				
$\eta / \eta_{\text{water}}$	1.71	2.01	2.49	3.22	4.83	9.36				
638	CH₄O (1) C₇H₁₆O (2)		methanol heptan-1-ol							67-56-1 111-70-6
$T/^\circ\text{C} = 25.0$										72S1
w_2	0.05	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta /(\text{mPa s})$	0.609	0.669	0.757	0.864	1.064	1.263	1.608	2.048	2.693	

w_2	0.90	0.95
$\eta /(\text{mPa s})$	3.816	4.701

639	CH₄O (1) C₇H₁₈O₃Si (2)	methanol methyl-triethoxy-silane	67-56-1 2031-67-6
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$T / ^\circ\text{C} = 20.0$										64V1
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x_2	0.0000	0.0220	0.0798	0.1684	0.3208	0.6456	1.0000			
$\eta /(\text{mPa s})$	0.5954	0.5922	0.6416	0.6342	0.6490	0.6175	0.5810			

640	CH₄O (1) C₈H₈ (2)	methanol vinylbenzene	67-56-1 100-42-5
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$T / \text{K} = 298.15$										99A3
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x_2	0.0000	0.1005	0.1920	0.3007	0.4018	0.4981	0.5994	0.7011	0.8049	
$\eta /(\text{mPa s})$	0.538	0.591	0.623	0.650	0.669	0.679	0.686	0.692	0.701	

x_2	0.8981	1.0000
$\eta /(\text{mPa s})$	0.706	0.709

$T / \text{K} = 303.15$										99A3
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x_2	0.0000	0.1005	0.1920	0.3007	0.4018	0.4981	0.5994	0.7011	0.8049	
$\eta /(\text{mPa s})$	0.503	0.550	0.583	0.608	0.618	0.634	0.642	0.646	0.655	

x_2	0.8981	1.0000
$\eta /(\text{mPa s})$	0.661	0.662

$T / \text{K} = 308.15$										99A3
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x_2	0.0000	0.1005	0.1920	0.3007	0.4018	0.4981	0.5994	0.7011	0.8049	
$\eta /(\text{mPa s})$	0.470	0.515	0.543	0.569	0.587	0.594	0.598	0.602	0.610	

x_2	0.8981	1.0000
$\eta /(\text{mPa s})$	0.617	0.623

641	CH₄O (1) C₈H₈O (2)	methanol 1-phenyl-ethanone	67-56-1 98-86-2
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$T / ^\circ\text{C} = 30.0$										97A1
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x_2	0.0000	0.1018	0.2110	0.3113	0.4181	0.5323	0.6229	0.7403	0.8329	
$\eta /(\text{mPa s})$	0.5211	0.5515	0.6111	0.7012	0.7902	0.8683	0.9555	1.0681	1.2356	

x_2	1.0000
$\eta /(\text{mPa s})$	1.5111

$T / ^\circ\text{C} = 35.0$										97A1
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x_2	0.0000	0.1018	0.2110	0.3113	0.4181	0.5323	0.6229	0.7403	0.8329	
$\eta /(\text{mPa s})$	0.4786	0.5211	0.6076	0.7012	0.8012	0.8896	0.9519	1.0523	1.1568	

x_2	1.0000
$\eta /(\text{mPa s})$	1.4526

$T/^\circ\text{C} = 40.0$										97A1
x_2	0.0000	0.1018	0.2110	0.3113	0.4181	0.5323	0.6229	0.7403	0.8329	
$\eta/(\text{mPa s})$	0.4373	0.5059	0.5942	0.6712	0.7617	0.8449	0.9232	1.0392	1.1236	
x_2	1.0000									
$\eta/(\text{mPa s})$	1.3515									
642	CH₄O (1) C₈H₁₀ (2)									67-56-1 95-47-6
$T/\text{K} = 303.15$										99P6
x_1	0.0000	0.1169	0.2169	0.3033	0.6038	0.7069	0.8049	0.9014	1.0000	
$\eta/(\text{mPa s})$	0.7380	0.6664	0.6422	0.6190	0.5955	0.5712	0.5480	0.5253	0.5020	
$T/\text{K} = 313.15$										99P6
x_1	0.0000	0.2169	0.3033	0.4060	0.5039	0.6038	0.7069	0.8049		
$\eta/(\text{mPa s})$	0.6430	0.6080	0.5950	0.5798	0.5650	0.5590	0.5230	0.5170		
x_1	0.9014	1.0000								
$\eta/(\text{mPa s})$	0.5070	0.4870								
$T/\text{K} = 323.15$										99P6
x_1	0.0000	0.1169	0.2169	0.3033	0.4060	0.5039	0.6038	0.7069	0.8049	
$\eta/(\text{mPa s})$	0.5780	0.5760	0.5560	0.5470	0.5350	0.5250	0.5150	0.5070	0.4970	
x_1	0.9014	1.0000								
$\eta/(\text{mPa s})$	0.4870	0.4770								
643	CH₄O (1) C₈H₁₀ (2)									67-56-1 108-38-3
$T/^\circ\text{C} = 20.0$										50T1
x_1	0.00	0.20	0.40	0.50	0.60	0.70	0.80	1.00		
$\eta/(\text{mPa s})$	0.627	0.622	0.636	0.646	0.662	0.654	0.641	0.578		
644	CH₄O (1) C₈H₁₀ (2)									67-56-1 106-42-3
$T/^\circ\text{C} = 20.0$										92W1
x_2	0.0000	0.0352	0.0758	0.1233	0.1795	0.2470	0.3298	0.4336	0.5673	
$\eta/(\text{mPa s})$	0.5840	0.6087	0.6353	0.6635	0.6929	0.7227	0.7509	0.7731	0.7803	
x_2	0.7470	1.0000								
$\eta/(\text{mPa s})$	0.7526	0.6402								
$T/^\circ\text{C} = 25.0$										92W1
x_2	0.0000	0.0352	0.0758	0.1233	0.1795	0.2470	0.3298	0.4336	0.5673	
$\eta/(\text{mPa s})$	0.5470	0.5596	0.5732	0.5877	0.6031	0.6191	0.6348	0.6483	0.6560	

x_2	0.7470	1.0000							
$\eta /(\text{mPa s})$	0.6489	0.6045							
$T / ^\circ\text{C} = 35.0$									92W1
x_2	0.0000	0.0352	0.0758	0.1233	0.1795	0.2470	0.3298	0.4336	0.5673
$\eta /(\text{mPa s})$	0.4803	0.4893	0.4994	0.5103	0.5220	0.5342	0.5465	0.5580	0.5669
x_2	0.7470	1.0000							
$\eta /(\text{mPa s})$	0.5649	0.5400							
$T / ^\circ\text{C} = 45.0$									92W1
x_2	0.0000	0.0352	0.0758	0.1233	0.1795	0.2470	0.3298	0.4336	0.5673
$\eta /(\text{mPa s})$	0.4230	0.4296	0.4369	0.4449	0.4536	0.4628	0.4725	0.4823	0.4899
x_2	0.7470	1.0000							
$\eta /(\text{mPa s})$	0.4933	0.4830							
645	CH₄O (1) C₈H₁₀ (2)		methanol ethylbenzene						67-56-1 100-41-4
$T / ^\circ\text{C} = 25.0$									87R5
x_1	0.0000	0.1406	0.3326	0.5278	0.6721	0.7828	0.8113	0.8848	1.0000
$\eta /(\text{mPa s})$	0.6283	0.6135	0.6134	0.6258	0.6323	0.6247	0.6180	0.5991	0.5450
$T / ^\circ\text{C} = 35.0$									87R5
x_1	0.0000	0.1406	0.3326	0.5278	0.6721	0.7828	0.8113	0.8848	1.0000
$\eta /(\text{mPa s})$	0.5537	0.5262	0.5283	0.5395	0.5368	0.5250	0.5202	0.5052	0.4745
646	CH₄O (1) C₈H₁₈O₄ (2)		methanol 1,2-bis-(2-methoxy-ethoxy)-ethane						67-56-1 112-49-2
$T / \text{K} = 303.15$									99H4
x_1	0.0000	0.2065	0.4116	0.6042	0.8033	1.0000			
$\nu /(\text{mm}^2/\text{s})$	1.8030	1.6609	1.4812	1.2699	1.0038	0.6487			
647	CH₄O (1) C₈H₂₀O₄Si (2)		methanol silicic acid tetraethyl ester						67-56-1 78-10-4
$T / ^\circ\text{C} = 15.0$									63V1
x_2	0.0000	0.3120	0.4369	0.5471	0.6447	0.7307	0.8090	0.8793	0.9419
$\eta /(\text{mPa s})$	0.6352	0.6865	0.7048	0.7264	0.7447	0.7561	0.7504	0.7618	0.7558
x_2	1.0000								
$\eta /(\text{mPa s})$	0.7634								
648	CH₄O (1) C₉H₁₂ (2)		methanol isopropylbenzene						67-56-1 98-82-8

$T/^\circ\text{C} = 30.0$										87A1
x_2	0.0000	0.1001	0.2007	0.3008	0.4004	0.4980	0.5983	0.7017	0.8028	
$\eta/(\text{mPa s})$	0.510	0.657	0.691	0.721	0.748	0.747	0.730	0.718	0.709	
x_2	0.9039	1.0000								
$\eta/(\text{mPa s})$	0.692	0.671								
$T/^\circ\text{C} = 25.0$										87R4
x_2	0.0000	0.0398	0.0862	0.1491	0.2244	0.3230	0.4687	0.6598	0.8150	
$\eta/(\text{mPa s})$	0.5450	0.5804	0.6125	0.6462	0.5594	0.6878	0.6944	0.6985	0.7110	
x_2	1.0000									
$\eta/(\text{mPa s})$	0.7314									
$T/^\circ\text{C} = 35.0$										87R4
x_2	0.0000	0.0398	0.0862	0.1491	0.2244	0.3230	0.4687	0.6598	0.8150	
$\eta/(\text{mPa s})$	0.4744	0.5025	0.5289	0.5575	0.5763	0.5907	0.5975	0.6010	0.6143	
x_2	1.0000									
$\eta/(\text{mPa s})$	0.6366									
649	CH₄O (1)		methanol							67-56-1
	C₉H₁₂ (2)		1,3,5-trimethyl-benzene							108-67-8
$T/^\circ\text{C} = 20.0$										50T1
x_1	0.00	0.20	0.40	0.50	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.705	0.696	0.699	0.715	0.721	0.683	0.578			
650	CH₄O (1)		methanol							67-56-1
	C₁₀H₇Cl (2)		1-chloro-naphthalene							90-13-1
$T/\text{K} = 298.15$										98A6
x_2	0.0000	0.0998	0.1992	0.3020	0.4003	0.4961	0.5978	0.6961	0.8010	
$\eta/(\text{mPa s})$	0.538	0.814	1.096	1.372	1.617	1.847	2.064	2.237	2.454	
x_2	0.8992	1.0000								
$\eta/(\text{mPa s})$	2.670	3.020								
$T/\text{K} = 303.15$										98A6
x_2	0.0000	0.0998	0.1992	0.3020	0.4003	0.4961	0.5978	0.6961	0.8010	
$\eta/(\text{mPa s})$	0.503	0.750	1.002	1.249	1.468	1.672	1.863	2.012	2.197	
x_2	0.8992	1.0000								
$\eta/(\text{mPa s})$	2.385	2.707								
$T/\text{K} = 308.15$										98A6
x_2	0.0000	0.0998	0.1992	0.3020	0.4003	0.4961	0.5978	0.6961	0.8010	
$\eta/(\text{mPa s})$	0.470	0.689	0.918	1.142	1.336	1.516	1.683	1.818	1.984	
x_2	0.8992	1.0000								
$\eta/(\text{mPa s})$	2.157	2.437								

651	CH₄O (1) C₁₀H₁₄ (2)	methanol 1-methyl-4-(1-methyl-ethyl)-benzene							67-56-1 99-87-6
$T/^\circ\text{C} = 20.0$									
x_1	0.00	0.20	0.40	0.60	0.70	0.80	1.00		50T1
$\eta /(\text{mPa s})$	0.826	0.799	0.793	0.793	0.774	0.732	0.578		
652	CH₄O (1) C₁₀H₂₂O₅ (2)	methanol 1,11-dimethoxy-3,6,9-trioxa-undecane							67-56-1 143-24-8
$T/\text{K} = 283.15$									
x_1	0.0000	0.0501	0.1125	0.1983	0.3019	0.4006	0.4492	0.5005	0.5500
$\nu /(\text{mm}^2/\text{s})$	4.8816	4.7738	4.6041	4.3545	4.0228	3.6770	3.4973	3.2900	3.0846
x_1	0.6009	0.6554	0.7005	0.8000	0.8508	0.9749	1.0000		
$\nu /(\text{mm}^2/\text{s})$	2.8543	2.5983	2.3898	1.8762	1.6265	0.9748	0.8435		
$T/\text{K} = 293.15$									
x_1	0.0000	0.0524	0.0999	0.1652	0.1991	0.2324	0.2994	0.3532	0.3982
$\nu /(\text{mm}^2/\text{s})$	3.7064	3.6205	3.5329	3.4065	3.3353	3.2669	3.1163	2.9958	2.8805
x_1	0.4442	0.5007	0.5503	0.6164	0.6515	0.7009	0.7534	0.8072	0.8523
$\nu /(\text{mm}^2/\text{s})$	2.7513	2.5918	2.4346	2.2205	2.1013	1.9291	1.7311	1.5213	1.3380
x_1	0.9004	0.9495							
$\nu /(\text{mm}^2/\text{s})$	1.1386	0.9372							
$T/\text{K} = 303.15$									
x_1	0.0000	0.0438	0.0954	0.1682	0.2024	0.2979	0.3555	0.3952	0.4513
$\nu /(\text{mm}^2/\text{s})$	2.9424	2.8863	2.8179	2.7112	2.6552	2.5043	2.4081	2.3393	2.2261
x_1	0.4860	0.5628	0.5945	0.6660	0.6954	0.7460	0.8039	0.8631	0.9012
$\nu /(\text{mm}^2/\text{s})$	2.1516	1.9688	1.8908	1.7029	1.6230	1.4719	1.3014	1.1086	0.9874
x_1	0.9194	0.9506	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.9143	0.8082	0.6487						
$T/\text{K} = 313.15$									
x_1	0.0000	0.0508	0.1008	0.1504	0.2007	0.3056	0.4005	0.5005	0.5488
$\nu /(\text{mm}^2/\text{s})$	2.4125	2.3562	2.3010	2.2481	2.1837	2.0561	1.9220	1.7652	1.6787
x_1	0.6021	0.6571	0.7030	0.8008	0.9003	0.9500	1.0000		
$\nu /(\text{mm}^2/\text{s})$	1.5685	1.4562	1.3573	1.1211	0.8587	0.7188	0.5749		
$T/\text{K} = 323.15$									
x_1	0.0000	0.1002	0.2016	0.3038	0.3997	0.4995	0.5501	0.6000	0.6995
$\nu /(\text{mm}^2/\text{s})$	2.0037	1.9258	1.8304	1.7302	1.6203	1.4941	1.4234	1.3394	1.1724
x_1	0.7501	0.8001	0.9001	0.9500	1.0000				
$\nu /(\text{mm}^2/\text{s})$	1.0782	0.9776	0.7548	0.6239	0.5095				

653	CH₄O (1) C₁₂H₂₇O₄P (2)	methanol phosphoric acid tributyl ester								67-56-1 126-73-8
<i>T</i> /K = 303.15										
<i>x</i> ₂	0.000	0.016	0.036	0.060	0.090	0.129	0.182	0.257	0.373	
<i>η</i> /(mPa s)	0.581	0.670	0.733	0.839	0.979	1.181	1.512	1.767	2.126	
<i>x</i> ₂	0.572	1.000								
<i>η</i> /(mPa s)	2.677	2.820								
<i>T</i> /K = 303.15										
<i>x</i> ₂	0.000	0.016	0.036	0.060	0.090	0.129	0.182	0.257	0.373	
<i>η</i> /(mPa s)	0.581	0.670	0.733	0.839	0.979	1.181	1.512	1.767	2.126	
<i>x</i> ₂	0.572	1.0000								
<i>η</i> /(mPa s)	2.677	2.967								
654	CH₄O (1) C₁₈H₃₄O₂ (2)	methanol <i>cis</i>-octadec-9-enoic acid								67-56-1 112-79-8
<i>T</i> /°C = 45.0										
<i>x</i> ₁	0.0000	0.0807	0.1199	0.2091	0.3134	0.3940	0.5098	0.6116	0.7651	
<i>v</i> /(mm ² /s)	16.159	15.417	14.665	13.509	11.939	10.859	8.816	7.033	4.142	
<i>x</i> ₁	0.8739	0.9437	1.0000							
<i>v</i> /(mm ² /s)	2.267	1.421	0.554							
655	CN₄O₈ (1) C₆H₆ (2)	tetranitromethane benzene								509-14-8 71-43-2
<i>T</i> /°C = 20.0										
<i>x</i> ₂	0.0000	0.1858	0.3028	0.4633	0.5259	0.7148	0.8160	0.9093	1.0000	
<i>η</i> /(mPa s)	1.770	1.225	0.997	0.808	0.759	0.648	0.630	0.626	0.648	
656	C₂Cl₄ (1) C₂H₃N (2)	1,1,2,2-tetrachloroethene acetonitrile								127-18-4 75-05-8
<i>T</i> /K = 303.15										
<i>x</i> ₂	0.0000	0.1294	0.1929	0.3101	0.4022	0.4671	0.5673	0.6707	0.7358	
<i>η</i> /(mPa s)	0.7976	0.7489	0.7334	0.6990	0.6632	0.6310	0.5728	0.5050	0.4619	
<i>x</i> ₂	0.8460	0.9295	1.0000							
<i>η</i> /(mPa s)	0.3947	0.3522	0.3246							
657	C₂Cl₄ (1) C₃H₈O (2)	1,1,2,2-tetrachloroethene propan-1-ol								127-18-4 71-23-8

$T/K = 298.15$										95B1
x_1	0.0000	0.0935	0.2187	0.2907	0.3990	0.4863	0.5960	0.7133	0.7869	
$\eta /(\text{mPa s})$	1.943	1.810	1.622	1.510	1.361	1.254	1.135	1.028	0.970	
x_1	0.9174	1.0000								
$\eta /(\text{mPa s})$	0.862	0.842								
658	C₂Cl₄ (1) C₃H₈O (2)		1,1,2,2-tetrachloroethene propan-2-ol							127-18-4 67-63-0
$T/K = 303.15$										96V2
x_1	0.0000	0.1028	0.2072	0.3070	0.3926	0.5027	0.6150	0.6982	0.7882	
$\eta /(\text{mPa s})$	1.762	1.473	1.251	1.102	1.007	0.920	0.864	0.838	0.823	
x_1	0.8976	1.0000								
$\eta /(\text{mPa s})$	0.814	0.796								
659	C₂Cl₄ (1) C₃H₈O₂ (2)		1,1,2,2-tetrachloroethene 2-methoxy-ethanol							127-18-4 109-86-4
$T/K = 303.15$										97V3
x_1	0.0000	0.1062	0.2046	0.3091	0.4453	0.5214	0.6184	0.7146	0.8062	
$\eta /(\text{mPa s})$	1.476	1.365	1.273	1.178	1.066	1.009	0.943	0.890	0.846	
x_1	0.9015	1.0000								
$\eta /(\text{mPa s})$	0.808	0.796								
$T/K = 313.15$										97V3
x_1	0.0000	0.1062	0.2046	0.3091	0.4453	0.5214	0.6184	0.7146	0.8062	
$\eta /(\text{mPa s})$	1.189	1.111	1.049	0.985	0.907	0.866	0.819	0.778	0.747	
x_1	0.9015	1.0000								
$\eta /(\text{mPa s})$	0.727	0.731								
660	C₂Cl₄ (1) C₄H₈O (2)		1,1,2,2-tetrachloroethene butan-2-one							127-18-4 78-93-3
$T/K = 303.15$										92N2
x_2	0.0000	0.0489	0.0749	0.1204	0.1850	0.2290	0.2798	0.3254	0.3981	
$\eta /(\text{mPa s})$	0.796	0.777	0.766	0.748	0.722	0.703	0.683	0.664	0.633	
x_2	0.4361	0.4787	0.5206	0.5789	0.6262	0.6745	0.7182	0.7672	0.8034	
$\eta /(\text{mPa s})$	0.617	0.599	0.581	0.556	0.536	0.515	0.496	0.473	0.457	
x_2	0.8491	0.8953	1.0000							
$\eta /(\text{mPa s})$	0.436	0.415	0.363							
661	C₂Cl₄ (1) C₄H₈O (2)		1,1,2,2-tetrachloroethene tetrahydro-furan							127-18-4 109-99-9

$T/K = 303.15$										96K3
x_2	0.0000	0.0667	0.1429	0.2457	0.3692	0.4384	0.5309	0.6897	0.7605	
$\eta /(\text{mPa s})$	0.7976	0.7821	0.7630	0.7362	0.7008	0.6795	0.6487	0.5914	0.5641	
x_2	0.8435	0.9213	1.0000							
$\eta /(\text{mPa s})$	0.5312	0.4988	0.4656							
662	C₂Cl₄ (1) C₄H₈O₂ (2)		1,1,2,2-tetrachloroethene 1,4-dioxane							127-18-4 123-91-1
$T/K = 303.15$										94K7
x_2	0.0000	0.0711	0.1527	0.2465	0.3656	0.4126	0.5332	0.6532	0.7921	
$\eta /(\text{mPa s})$	0.7976	0.8321	0.8661	0.8991	0.9331	0.9447	0.9725	0.9982	1.0298	
x_2	0.8937	0.9581	1.0000							
$\eta /(\text{mPa s})$	1.0553	1.0735	1.0863							
663	C₂Cl₄ (1) C₄H₁₀O (2)		1,1,2,2-tetrachloroethene butan-1-ol							127-18-4 71-36-3
$T/K = 298.15$										95B1
x_1	0.0000	0.0650	0.1923	0.2916	0.3911	0.5036	0.5960	0.7051	0.8095	
$\eta /(\text{mPa s})$	2.571	2.378	2.032	1.773	1.537	1.310	1.162	1.021	0.934	
x_1	0.9196	1.0000								
$\eta /(\text{mPa s})$	0.883	0.842								
664	C₂Cl₄ (1) C₄H₁₀O (2)		1,1,2,2-tetrachloroethene butan-2-ol							127-18-4 78-92-2
$T/K = 303.15$										96V2
x_1	0.0000	0.1024	0.2130	0.3172	0.4016	0.5142	0.6125	0.7018	0.8032	
$\eta /(\text{mPa s})$	2.492	1.918	1.508	1.263	1.127	1.005	0.930	0.884	0.852	
x_1	0.9108	1.0000								
$\eta /(\text{mPa s})$	0.822	0.796								
665	C₂Cl₄ (1) C₄H₁₀O (2)		1,1,2,2-tetrachloroethene 2-methyl-propan-1-ol							127-18-4 78-83-1
$T/K = 303.15$										96V2
x_1	0.0000	0.1124	0.2157	0.3156	0.4057	0.5099	0.5996	0.7145	0.8032	
$\eta /(\text{mPa s})$	2.872	2.280	1.855	1.552	1.353	1.182	1.077	0.977	0.918	
x_1	0.9080	1.0000								
$\eta /(\text{mPa s})$	0.857	0.796								

666	C₂Cl₄ (1) C₄H₁₀O (2)	1,1,2,2-tetrachloroethene 2-methyl-propan-2-ol								127-18-4 75-65-0
<i>T</i> /K = 303.15										96V2
<i>x</i> ₁	0.0000	0.1027	0.2143	0.3299	0.4102	0.5188	0.6036	0.7072	0.8124	
<i>η</i> /(mPa s)	3.318	2.160	1.557	1.249	1.122	1.006	0.946	0.895	0.852	
<i>x</i> ₁	0.9075	1.0000								
<i>η</i> /(mPa s)	0.821	0.796								
667	C₂Cl₄ (1) C₄H₁₀O₂ (2)	1,1,2,2-tetrachloroethene 2-ethoxy-ethanol								127-18-4 110-80-5
<i>T</i> /K = 303.15										97V3
<i>x</i> ₁	0.0000	0.1174	0.2104	0.3230	0.4392	0.5276	0.6168	0.7085	0.8053	
<i>η</i> /(mPa s)	1.643	1.513	1.396	1.272	1.149	1.065	0.992	0.926	0.869	
<i>x</i> ₁	0.9054	1.0000								
<i>η</i> /(mPa s)	0.822	0.796								
<i>T</i> /K = 313.15										97V3
<i>x</i> ₁	0.0000	0.1174	0.2104	0.3230	0.4392	0.5276	0.6168	0.7085	0.8053	
<i>η</i> /(mPa s)	1.293	1.201	1.132	1.049	0.968	0.910	0.857	0.809	0.769	
<i>x</i> ₁	0.9054	1.0000								
<i>η</i> /(mPa s)	0.739	0.731								
668	C₂Cl₄ (1) C₅H₁₂O (2)	1,1,2,2-tetrachloroethene 3-methyl-butan-1-ol								127-18-4 123-51-3
<i>T</i> /K = 303.15										96V2
<i>x</i> ₁	0.0000	0.0975	0.2467	0.3283	0.4163	0.5256	0.6182	0.7334	0.8214	
<i>η</i> /(mPa s)	2.960	2.635	2.045	1.773	1.524	1.293	1.148	1.013	0.934	
<i>x</i> ₁	0.9161	1.0000								
<i>η</i> /(mPa s)	0.864	0.796								
<i>T</i> /K = 298.15										95B1
<i>x</i> ₁	0.0000	0.0705	0.1953	0.2643	0.3832	0.5048	0.6310	0.6957	0.8280	
<i>η</i> /(mPa s)	3.738	3.312	2.638	2.320	1.857	1.483	1.210	1.114	0.972	
<i>x</i> ₁	0.9056	1.0000								
<i>η</i> /(mPa s)	0.909	0.842								
669	C₂Cl₄ (1) C₅H₁₂O₃ (2)	1,1,2,2-tetrachloroethene 2-(2-methoxy-ethoxy)-ethanol								127-18-4 111-77-3
<i>T</i> /K = 298.15										98P4

x_2	0.0000	0.0072	0.0147	0.0261	0.0417	0.0604	0.0868	0.1038	0.1347
η /(mPa s)	0.846	0.852	0.859	0.869	0.884	0.911	0.948	0.975	1.023
x_2	0.1769	0.2025	0.2433	0.2755	0.3041	0.3353	0.3740	0.4127	0.4577
η /(mPa s)	1.092	1.139	1.216	1.279	1.340	1.413	1.504	1.596	1.712
x_2	0.4877	0.5213	0.5632	0.5988	0.6333	0.6701	0.7061	0.7414	0.7892
η /(mPa s)	1.796	1.900	2.030	2.140	2.253	2.366	2.480	2.593	2.754
x_2	0.8427	0.8844	0.9138	0.9381	0.9613	0.9780	0.9885	1.0000	
η /(mPa s)	2.948	3.109	3.225	3.323	3.414	3.478	3.521	3.565	

670 **C₂Cl₄ (1)** **1,1,2,2-tetrachloroethene** **127-18-4**
C₆H₅Br (2) **bromobenzene** **108-86-1**

$T/K = 303.15$ 89R1

x_1	0.0000	0.1026	0.1749	0.2799	0.3996	0.4574	0.5408	0.6276	0.7273
η /(mPa s)	0.992	0.978	0.971	0.960	0.945	0.933	0.916	0.894	0.871
x_1	0.8585	0.9426	1.0000						
η /(mPa s)	0.840	0.822	0.814						

671 **C₂Cl₄ (1)** **1,1,2,2-tetrachloroethene** **127-18-4**
C₆H₅Cl (2) **chlorobenzene** **108-90-7**

$T/K = 303.15$ 89R1

x_1	0.0000	0.1416	0.2048	0.2727	0.3562	0.4651	0.5412	0.6279	0.7180
η /(mPa s)	0.712	0.716	0.717	0.718	0.720	0.728	0.739	0.751	0.766
x_1	0.8422	0.9302	1.0000						
η /(mPa s)	0.786	0.802	0.814						

672 **C₂Cl₄ (1)** **1,1,2,2-tetrachloroethene** **127-18-4**
C₆H₅NO₂ (2) **nitrobenzene** **98-95-3**

$T/K = 303.15$ 89R1

x_1	0.0000	0.1026	0.1749	0.2799	0.3996	0.4574	0.5408	0.6276	0.7273
η /(mPa s)	1.639	1.446	1.376	1.288	1.221	1.144	1.074	1.012	0.941
x_1	0.8585	0.9426	1.0000						
η /(mPa s)	0.896	0.856	0.814						

673 **C₂Cl₄ (1)** **1,1,2,2-tetrachloroethene** **127-18-4**
C₆H₆ (2) **benzene** **71-43-2**

$T/K = 303.15$ 83N1

x_1	0.0000	0.1913	0.2749	0.3761	0.4668	0.5756	0.6664	0.7757	0.8828
η /(mPa s)	0.565	0.577	0.584	0.605	0.624	0.648	0.675	0.712	0.746

x_1 1.0000
 η /(mPa s) 0.798

674 C_2Cl_4 (1) **1,1,2,2-tetrachloroethene** **127-18-4**
 C_6H_{12} (2) **cyclohexane** **110-82-7**

$T/\text{K} = 303.15$ 89R1

x_1 0.0000 0.1695 0.2698 0.3794 0.4194 0.4966 0.5532 0.6182 0.7242
 η /(mPa s) 0.786 0.762 0.750 0.742 0.740 0.738 0.741 0.746 0.764

x_1 0.8383 0.9204 1.0000
 η /(mPa s) 0.781 0.800 0.814

$T/\text{K} = 303.15$ 83N1

x_1 0.0000 0.2317 0.4306 0.5117 0.5969 0.6612 0.7644 0.8345 1.0000
 η /(mPa s) 0.820 0.777 0.750 0.751 0.751 0.758 0.771 0.775 0.798

675 C_2Cl_4 (1) **1,1,2,2-tetrachloroethene** **127-18-4**
 C_6H_{14} (2) **hexane** **110-54-3**

$T/\text{K} = 303.15$ 89R1

x_1 0.0000 0.1642 0.2468 0.3358 0.4336 0.4782 0.5140 0.6464 0.7236
 η /(mPa s) 0.309 0.358 0.388 0.432 0.471 0.494 0.515 0.591 0.643

x_1 0.8072 0.9346 1.0000
 η /(mPa s) 0.697 0.776 0.814

676 C_2Cl_4 (1) **1,1,2,2-tetrachloroethene** **127-18-4**
 $\text{C}_6\text{H}_{14}\text{O}_2$ (2) **2-butoxy-ethanol** **111-76-2**

$T/\text{K} = 303.15$ 97V3

x_1 0.0000 0.1139 0.2084 0.3166 0.4172 0.5191 0.6215 0.7098 0.8124
 η /(mPa s) 2.408 2.167 1.954 1.716 1.510 1.327 1.170 1.049 0.939

x_1 0.9087 1.0000
 η /(mPa s) 0.854 0.796

$T/\text{K} = 313.15$ 97V3

x_1 0.0000 0.1139 0.2084 0.3166 0.4172 0.5191 0.6215 0.7098 0.8124
 η /(mPa s) 1.869 1.689 1.543 1.381 1.240 1.113 0.998 0.913 0.831

x_1 0.9087 1.0000
 η /(mPa s) 0.771 0.731

677 C_2Cl_4 (1) **1,1,2,2-tetrachloroethene** **127-18-4**
 $\text{C}_6\text{H}_{14}\text{O}_3$ (2) **2-(2-ethoxy-ethoxy)-ethanol** **111-90-0**

$T/\text{K} = 298.15$ 98P4

x_2	0.0000	0.0123	0.0256	0.0478	0.0645	0.0824	0.0970	0.1126	0.1488
η /(mPa s)	0.846	0.859	0.874	0.903	0.928	0.956	0.979	1.012	1.081
x_2	0.1758	0.2057	0.2427	0.2829	0.3332	0.3756	0.4139	0.4562	0.4889
η /(mPa s)	1.135	1.196	1.278	1.371	1.493	1.610	1.717	1.843	1.949
x_2	0.5216	0.5734	0.6176	0.6576	0.6972	0.7396	0.8033	0.8540	0.8945
η /(mPa s)	2.063	2.246	2.412	2.552	2.699	2.858	3.119	3.335	3.519
x_2	0.9227	0.9398	0.9556	0.9736	0.9888	1.0000			
η /(mPa s)	3.640	3.718	3.786	3.873	3.936	3.978			

678 **C₂Cl₄ (1)** **1,1,2,2-tetrachloroethene** **127-18-4**
C₇H₈ (2) **toluene** **108-88-3**

$T/K = 303.15$ 89R1

x_1	0.0000	0.1502	0.2612	0.3745	0.4715	0.5666	0.6428	0.6905	0.7529
η /(mPa s)	0.521	0.551	0.574	0.599	0.629	0.662	0.691	0.708	0.730
x_1	0.8376	0.9336	1.0000						
η /(mPa s)	0.760	0.793	0.814						

$T/K = 303.15$ 83N1

x_1	0.0000	0.2552	0.3392	0.4608	0.5759	0.6834	0.7448	0.8395	1.0000
η /(mPa s)	0.522	0.574	0.597	0.621	0.652	0.688	0.706	0.738	0.798

679 **C₂Cl₄ (1)** **1,1,2,2-tetrachloroethene** **127-18-4**
C₇H₈O (2) **methoxybenzene** **100-66-3**

$T/K = 303.15$ 92N1

x_2	0.0000	0.0193	0.0390	0.0561	0.1158	0.1890	0.2303	0.2742	0.3317
η /(mPa s)	0.799	0.793	0.790	0.792	0.781	0.776	0.778	0.783	0.787
x_2	0.3643	0.4286	0.4726	0.6096	0.6829	0.7292	0.7745	0.8665	0.8991
η /(mPa s)	0.790	0.801	0.812	0.831	0.848	0.856	0.862	0.878	0.885
x_2	0.9485	1.0000							
η /(mPa s)	0.899	0.915							

680 **C₂Cl₄ (1)** **1,1,2,2-tetrachloroethene** **127-18-4**
C₇H₁₄ (2) **methylcyclohexane** **108-87-2**

$T/K = 303.15$ 89R1

x_1	0.0000	0.1166	0.2246	0.3047	0.4335	0.5554	0.6523	0.7700	0.8108
η /(mPa s)	0.627	0.637	0.648	0.658	0.679	0.708	0.734	0.762	0.773
x_1	0.8864	0.9342	1.0000						
η /(mPa s)	0.790	0.801	0.814						

681	C₂Cl₄ (1) C₇H₁₆ (2)	1,1,2,2-tetrachloroethene heptane								127-18-4 142-82-5
<i>T</i> /K = 303.15										
<i>x</i> ₁	0.0000	0.1960	0.3642	0.4421	0.4713	0.5272	0.6106	0.6939	0.7237	
<i>η</i> /(mPa s)	0.388	0.442	0.497	0.529	0.543	0.568	0.610	0.653	0.668	
<i>x</i> ₁	0.8091	0.9254	1.0000							
<i>η</i> /(mPa s)	0.714	0.775	0.814							
682	C₂Cl₄ (1) C₇H₁₆O (2)	1,1,2,2-tetrachloroethene heptan-1-ol								127-18-4 111-70-6
<i>T</i> /K = 303.15										
<i>x</i> ₂	0.0000	0.1320	0.2375	0.3539	0.4634	0.5262	0.5927	0.6534	0.7637	
<i>η</i> /(mPa s)	0.814	1.080	1.267	1.511	1.807	2.016	2.259	2.548	3.149	
<i>x</i> ₂	0.8512	0.9246	1.0000							
<i>η</i> /(mPa s)	3.725	4.255	4.862							
683	C₂Cl₄ (1) C₇H₁₆O₄ (2)	1,1,2,2-tetrachloroethene 2-[2-(2-methoxy-ethoxy)-ethoxy]-ethanol								127-18-4 112-35-6
<i>T</i> /K = 298.15										
<i>x</i> ₂	0.0000	0.0078	0.0160	0.0295	0.0470	0.0598	0.0696	0.0802	0.0924	
<i>η</i> /(mPa s)	0.846	0.862	0.883	0.915	0.956	0.989	1.016	1.046	1.081	
<i>x</i> ₂	0.1201	0.1568	0.2009	0.2413	0.2894	0.3457	0.3797	0.4041	0.4620	
<i>η</i> /(mPa s)	1.162	1.280	1.432	1.592	1.795	2.047	2.209	2.334	2.640	
<i>x</i> ₂	0.4933	0.5379	0.5783	0.6154	0.6587	0.7026	0.7393	0.7870	0.8264	
<i>η</i> /(mPa s)	2.812	3.072	3.326	3.560	3.856	4.163	4.431	4.797	5.117	
<i>x</i> ₂	0.8860	0.9108	0.9403	0.9649	0.9807	1.0000				
<i>η</i> /(mPa s)	5.597	5.820	6.053	6.276	6.411	6.586				
684	C₂Cl₄ (1) C₈H₈O (2)	1,1,2,2-tetrachloroethene 1-phenyl-ethanone								127-18-4 98-86-2
<i>T</i> /°C = 25.0										
<i>x</i> ₂	0.0000	0.1255	0.3215	0.5397	0.7329	0.9142	1.0000			
<i>η</i> /(mPa s)	0.838	0.893	1.023	1.198	1.382	1.555	1.645			
685	C₂Cl₄ (1) C₈H₁₀ (2)	1,1,2,2-tetrachloroethene 1,4-dimethyl-benzene								127-18-4 106-42-3
<i>T</i> /K = 303.15										
<i>x</i> ₁	0.0000	0.1030	0.1121	0.2120	0.6339	0.6982	0.7773	0.8517	1.0000	

η /(mPa s)	0.566	0.586	0.588	0.607	0.704	0.719	0.738	0.757	0.798
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686	C₂Cl₄ (1) C₈H₁₈O₃ (2)	1,1,2,2-tetrachloroethene 2-(2-butoxy-ethoxy)-ethanol	127-18-4 112-34-5
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$T/K = 298.15$	98P4
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x_2	0.0000	0.0092	0.0253	0.0385	0.0481	0.0583	0.0816	0.0932	0.1188
η /(mPa s)	0.846	0.859	0.883	0.910	0.929	0.950	1.001	1.030	1.090

x_2	0.1559	0.1903	0.2322	0.2748	0.3127	0.3556	0.3911	0.4295	0.4585
η /(mPa s)	1.186	1.289	1.413	1.557	1.691	1.851	2.000	2.160	2.288

x_2	0.4917	0.5310	0.5750	0.6181	0.6660	0.7112	0.7734	0.8415	0.8983
η /(mPa s)	2.445	2.635	2.845	3.066	3.310	3.548	3.894	4.283	4.615

x_2	0.9290	0.9482	0.9696	0.9831	1.0000				
η /(mPa s)	4.805	4.918	5.061	5.131	5.232				

687	C₂Cl₄ (1) C₈H₁₈O₄ (2)	1,1,2,2-tetrachloroethene 2-[2-(2-ethoxy-ethoxy)-ethoxy]-ethanol	127-18-4 112-50-5
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$T/K = 298.15$	98P4
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x_2	0.0000	0.0072	0.0185	0.0339	0.0489	0.0609	0.0867	0.1081	0.1487
η /(mPa s)	0.846	0.863	0.892	0.931	0.969	1.008	1.081	1.154	1.290

x_2	0.1926	0.2354	0.2903	0.3204	0.3495	0.3887	0.4239	0.4633	0.5019
η /(mPa s)	1.459	1.634	1.893	2.052	2.207	2.429	2.631	2.863	3.105

x_2	0.5442	0.5861	0.6345	0.6893	0.7441	0.8008	0.8471	0.9061	0.9387
η /(mPa s)	3.384	3.665	4.013	4.413	4.852	5.303	5.684	6.191	6.486

x_2	0.9502	0.9795	1.0000						
η /(mPa s)	6.589	6.871	7.042						

688	C₂Cl₄ (1) C₁₀H₂₂O₄ (2)	1,1,2,2-tetrachloroethene 2-[2-(2-butoxy-ethoxy)-ethoxy]-ethanol	127-18-4 143-22-6
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$T/K = 298.15$	98P4
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x_2	0.0000	0.0067	0.0173	0.0345	0.0476	0.0600	0.0815	0.1063	0.1471
η /(mPa s)	0.846	0.864	0.895	0.950	0.995	1.040	1.124	1.227	1.408

x_2	0.1840	0.2264	0.2617	0.3067	0.3480	0.3770	0.4150	0.4588	0.4910
η /(mPa s)	1.601	1.828	2.046	2.351	2.660	2.889	3.192	3.550	3.816

x_2	0.5348	0.5760	0.6201	0.6577	0.7089	0.7558	0.8037	0.8566	0.9013
η /(mPa s)	4.198	4.576	4.978	5.357	5.881	6.354	6.872	7.450	7.964

x_2	0.9283	0.9521	0.9738	1.0000					
η /(mPa s)	8.260	8.528	8.793	9.109					

689	C₂HBr₃O (1)	tribromoacetaldehyde	115-17-3
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	C₄H₁₀O (2)		butan-1-ol						71-36-3	
$T/^\circ\text{C} = 20.0$	69Z1									
x_1	0.000	0.105	0.200	0.300	0.400	0.500	0.600	0.700	0.797	
$\eta/(\text{mPa s})$	2.90	4.71	6.92	10.15	15.97	22.38	21.27	15.08	11.21	
x_1	0.899	1.000								
$\eta/(\text{mPa s})$	9.11	6.81								
$T/^\circ\text{C} = 40.0$	69Z1									
x_1	0.000	0.095	0.140	0.218	0.384	0.500	0.600	0.699	0.800	
$\eta/(\text{mPa s})$	1.72	2.56	3.84	4.96	7.06	8.81	8.39	6.20	4.97	
x_1	0.900	1.000								
$\eta/(\text{mPa s})$	4.21	3.72								
690	C₂HBr₃O (1) C₄H₁₀O (2)		tribromoacetaldehyde 2-methyl-propan-1-ol						115-17-3 78-83-1	
$T/^\circ\text{C} = 20.0$	69Z1									
x_1	0.000	0.095	0.140	0.218	0.384	0.500	0.600	0.699	0.800	
$\eta/(\text{mPa s})$	3.86	5.31	6.24	8.01	13.03	21.68	19.65	15.35	12.62	
x_1	0.900	1.000								
$\eta/(\text{mPa s})$	8.84	6.81								
$T/^\circ\text{C} = 40.0$	69Z1									
x_1	0.000	0.095	0.140	0.218	0.384	0.500	0.600	0.699	0.800	
$\eta/(\text{mPa s})$	2.01	2.69	3.08	3.78	5.98	8.20	7.22	6.31	5.61	
x_1	0.900	1.000								
$\eta/(\text{mPa s})$	4.39	3.72								
691	C₂HCl₃ (1) C₂H₃N (2)		1,1,2-trichloro-ethene acetonitrile						79-01-6 75-05-8	
$T/\text{K} = 303.15$	88N2									
x_2	0.0000	0.0893	0.1803	0.2502	0.3697	0.5273	0.6422	0.7089	0.7814	
$\eta/(\text{mPa s})$	0.5230	0.5209	0.5171	0.5072	0.4877	0.4539	0.4238	0.4071	0.3824	
x_2	0.8363	0.9308	1.0000							
$\eta/(\text{mPa s})$	0.3654	0.6451	0.3246							
$T/^\circ\text{C} = 25.0$	69M1									
x_2	0.0000	0.0708	0.1846	0.3572	0.4854	0.5616	0.6719	0.7750	0.9121	
$\eta/(\text{mPa s})$	0.531	0.524	0.515	0.494	0.471	0.458	0.433	0.403	0.369	
x_2	1.0000									
$\eta/(\text{mPa s})$	0.338									
$T/^\circ\text{C} = 35.0$	69M1									

x_2	0.0000	0.0708	0.1846	0.3572	0.4854	0.5616	0.6719	0.7750	0.9121
η /(mPa s)	0.489	0.483	0.471	0.451	0.430	0.417	0.396	0.370	0.341
x_2	1.0000								
η /(mPa s)	0.312								
T /°C = 45.0									69M1
x_2	0.0000	0.0708	0.1846	0.3572	0.4854	0.5616	0.6719	0.7750	0.9121
η /(mPa s)	0.450	0.443	0.431	0.413	0.393	0.384	0.364	0.342	0.315
x_2	1.0000								
η /(mPa s)	0.288								
692	C₂HCl₃ (1) C₃H₈O (2)		1,1,2-trichloro-ethene propan-2-ol						79-01-6 67-63-0
T /K = 303.15									97V2
x_1	0.0000	0.1036	0.2204	0.3432	0.4172	0.5133	0.6024	0.7196	0.8017
η /(mPa s)	1.762	1.363	1.053	0.849	0.765	0.686	0.641	0.603	0.583
x_1	0.9028	1.0000							
η /(mPa s)	0.556	0.515							
693	C₂HCl₃ (1) C₃H₈O₂ (2)		1,1,2-trichloro-ethene 2-methoxy-ethanol						79-01-6 109-86-4
T /K = 303.15									97V3
x_1	0.0000	0.1175	0.2132	0.3211	0.4746	0.5328	0.6149	0.7063	0.8042
η /(mPa s)	1.476	1.317	1.181	1.041	0.860	0.804	0.731	0.659	0.597
x_1	0.9056	1.0000							
η /(mPa s)	0.546	0.515							
T /K = 313.15									97V3
x_1	0.0000	0.1175	0.2132	0.3211	0.4746	0.5328	0.6149	0.7063	0.8042
η /(mPa s)	1.189	1.074	0.981	0.880	0.746	0.703	0.648	0.591	0.543
x_1	0.9056	1.0000							
η /(mPa s)	0.504	0.486							
694	C₂HCl₃ (1) C₄H₈O (2)		1,1,2-trichloro-ethene butan-2-one						79-01-6 78-93-3
T /K = 303.15									92N2
x_2	0.0000	0.0690	0.1130	0.1676	0.2203	0.2544	0.3073	0.3507	0.3978
η /(mPa s)	0.516	0.508	0.504	0.498	0.492	0.487	0.481	0.476	0.472
x_2	0.4467	0.5043	0.6094	0.6586	0.6911	0.7474	0.8458	0.8881	0.9470
η /(mPa s)	0.466	0.456	0.441	0.432	0.428	0.418	0.398	0.390	0.377
x_2	1.0000								

η /(mPa s)	0.363								
T /K = 298.15	88R4								
x_1	0.0000	0.1126	0.2042	0.2941	0.4591	0.5988	0.6807	0.7837	0.8997
η /(mPa s)	0.408	0.439	0.463	0.489	0.532	0.570	0.582	0.598	0.614
x_1	1.0000								
η /(mPa s)	0.618								
T /K = 308.15	88R4								
x_1	0.0000	0.1126	0.2042	0.2941	0.4591	0.5988	0.6807	0.7837	0.8997
η /(mPa s)	0.373	0.402	0.426	0.449	0.491	0.523	0.539	0.558	0.574
x_1	1.0000								
η /(mPa s)	0.588								
T /K = 318.15	88R4								
x_1	0.0000	0.1126	0.2042	0.2941	0.4591	0.5988	0.6807	0.7837	0.8997
η /(mPa s)	0.351	0.379	0.401	0.422	0.462	0.494	0.508	0.525	0.544
x_1	1.0000								
η /(mPa s)	0.557								

695 **C₂HCl₃ (1)** **1,1,2-trichloro-ethene** **79-01-6**
C₄H₈O (2) **tetrahydro-furan** **109-99-9**

T /K = 303.15	96K3								
x_2	0.0000	0.0614	0.1057	0.2281	0.3529	0.4929	0.5166	0.6400	0.7608
η /(mPa s)	0.5230	0.5484	0.5631	0.5879	0.5932	0.5817	0.5781	0.5560	0.5289
x_2	0.8813 0.9421 1.0000								
η /(mPa s)	0.4983 0.4822 0.4656								

696 **C₂HCl₃ (1)** **1,1,2-trichloro-ethene** **79-01-6**
C₄H₈O₂ (2) **1,4-dioxane** **123-91-1**

T /K = 303.15	94K7								
x_2	0.0000	0.0577	0.1189	0.2890	0.3696	0.4012	0.5728	0.6186	0.7841
η /(mPa s)	0.5230	0.5863	0.6434	0.7496	0.7787	0.7885	0.8370	0.8515	0.9264
x_2	0.8920 0.9513 1.0000								
η /(mPa s)	0.9979 1.0446 1.0863								
T /K = 298.15	88R4								
x_1	0.0000	0.1027	0.2015	0.3002	0.4090	0.5020	0.6078	0.6921	0.8076
η /(mPa s)	1.149	1.036	0.963	0.909	0.854	0.814	0.767	0.732	0.685
x_1	0.9058 1.0000								
η /(mPa s)	0.649 0.618								
T /K = 308.15	88R4								

x_1	0.0000	0.1027	0.2015	0.3002	0.4090	0.5020	0.6078	0.6921	0.8076
η /(mPa s)	0.969	0.907	0.852	0.804	0.757	0.727	0.693	0.670	0.640
x_1	0.9058	1.0000							
η /(mPa s)	0.613	0.588							
T /K = 318.15									88R4
x_1	0.0000	0.1027	0.2015	0.3002	0.4090	0.5020	0.6078	0.6921	0.8076
η /(mPa s)	0.901	0.815	0.764	0.726	0.690	0.673	0.653	0.635	0.605
x_1	0.9058	1.0000							
η /(mPa s)	0.586	0.557							
697	C₂HCl₃ (1) C₄H₁₀O (2)		1,1,2-trichloro-ethene butan-2-ol						79-01-6 78-92-2
T /K = 303.15									97V2
x_1	0.0000	0.1104	0.2130	0.3120	0.4086	0.5218	0.6132	0.7094	0.8124
η /(mPa s)	2.492	1.721	1.300	1.042	0.881	0.761	0.695	0.647	0.606
x_1	0.9012	1.0000							
η /(mPa s)	0.570	0.515							
698	C₂HCl₃ (1) C₄H₁₀O (2)		1,1,2-trichloro-ethene 2-methyl-propan-1-ol						79-01-6 78-83-1
T /K = 303.15									97V2
x_1	0.0000	0.1086	0.2127	0.3178	0.4018	0.5178	0.6042	0.7191	0.8127
η /(mPa s)	2.872	2.134	1.627	1.273	1.075	0.889	0.795	0.703	0.644
x_1	0.9144	1.0000							
η /(mPa s)	0.581	0.515							
699	C₂HCl₃ (1) C₄H₁₀O (2)		1,1,2-trichloro-ethene 2-methyl-propan-2-ol						79-01-6 75-65-0
T /K = 303.15									97V2
x_1	0.0000	0.1042	0.2103	0.3164	0.4143	0.5147	0.6204	0.7102	0.8036
η /(mPa s)	3.318	1.951	1.329	1.018	0.856	0.758	0.689	0.648	0.608
x_1	0.9088	1.0000							
η /(mPa s)	0.562	0.515							
700	C₂HCl₃ (1) C₄H₁₀O₂ (2)		1,1,2-trichloro-ethene 2-ethoxy-ethanol						79-01-6 110-80-5
T /K = 303.15									97V3
x_1	0.0000	0.1191	0.2226	0.3214	0.4322	0.5234	0.6128	0.7066	0.8108

η /(mPa s)	1.643	1.453	1.286	1.134	0.976	0.865	0.769	0.687	0.614
x_1	0.9057	1.0000							
η /(mPa s)	0.557	0.515							
$T/K = 313.15$									97V3
x_1	0.0000	0.1191	0.2226	0.3214	0.4322	0.5234	0.6128	0.7066	0.8108
η /(mPa s)	1.293	1.166	1.052	0.946	0.829	0.747	0.676	0.612	0.555
x_1	0.9057	1.0000							
η /(mPa s)	0.511	0.486							
701	C₂HCl₃ (1) C₅H₁₀O (2)		1,1,2-trichloro-ethene pentan-3-one						79-01-6 96-22-0
$T/K = 298.15$									88R4
x_1	0.0000	0.1037	0.1997	0.3082	0.3915	0.4564	0.5979	0.7166	0.7989
η /(mPa s)	0.460	0.483	0.507	0.528	0.549	0.557	0.592	0.612	0.622
x_1	0.8910	1.0000							
η /(mPa s)	0.630	0.618							
$T/K = 308.15$									88R4
x_1	0.0000	0.1037	0.1997	0.3082	0.3915	0.4564	0.5979	0.7166	0.7989
η /(mPa s)	0.422	0.447	0.467	0.491	0.506	0.518	0.543	0.559	0.564
x_1	0.8910	1.0000							
η /(mPa s)	0.575	0.588							
$T/K = 318.15$									88R4
x_1	0.0000	0.1037	0.1997	0.3082	0.3915	0.4564	0.5979	0.7166	0.7989
η /(mPa s)	0.397	0.413	0.434	0.456	0.471	0.481	0.504	0.521	0.531
x_1	0.8910	1.0000							
η /(mPa s)	0.541	0.557							
702	C₂HCl₃ (1) C₅H₁₂O (2)		1,1,2-trichloro-ethene 3-methyl-butan-1-ol						79-01-6 123-51-3
$T/K = 303.15$									97V2
x_1	0.0000	0.0921	0.2031	0.2728	0.4124	0.5054	0.6208	0.7016	0.8140
η /(mPa s)	2.960	2.553	2.010	1.705	1.237	1.027	0.850	0.758	0.666
x_1	0.9047	1.0000							
η /(mPa s)	0.597	0.515							
703	C₂HCl₃ (1) C₅H₁₂O₃ (2)		1,1,2-trichloro-ethene 2-(2-methoxy-ethoxy)-ethanol						79-01-6 111-77-3
$T/K = 298.15$									98P4

x_2	0.0000	0.0091	0.0258	0.0362	0.0477	0.0679	0.0896	0.1146	0.1489
η /(mPa s)	0.529	0.537	0.553	0.567	0.582	0.610	0.643	0.685	0.742
x_2	0.1870	0.2425	0.2811	0.3123	0.3733	0.4192	0.4582	0.4988	0.5410
η /(mPa s)	0.817	0.926	1.009	1.082	1.237	1.356	1.467	1.587	1.725
x_2	0.5789	0.6080	0.6351	0.6756	0.7372	0.7781	0.8110	0.8467	0.8774
η /(mPa s)	1.849	1.948	2.044	2.194	2.433	2.596	2.730	2.882	3.015
x_2	0.9167	0.9481	0.9733	0.9896	1.0000				
η /(mPa s)	3.194	3.329	3.449	3.531	3.565				

704 **C₂HCl₃ (1)** **1,1,2-trichloro-ethene** **79-01-6**
C₆H₅Br (2) **bromobenzene** **108-86-1**

$T/K = 303.15$ 88R2

x_1	0.0000	0.1616	0.2302	0.3013	0.4094	0.4957	0.5809	0.6703	0.7604
η /(mPa s)	0.992	0.887	0.849	0.811	0.758	0.722	0.688	0.652	0.618
x_1	0.8716	0.9306	1.0000						
η /(mPa s)	0.576	0.553	0.529						

705 **C₂HCl₃ (1)** **1,1,2-trichloro-ethene** **79-01-6**
C₆H₅Cl (2) **chlorobenzene** **108-90-7**

$T/K = 303.15$ 88R2

x_1	0.0000	0.1702	0.2729	0.3486	0.4033	0.5769	0.6323	0.6621	0.7807
η /(mPa s)	0.712	0.670	0.653	0.642	0.638	0.631	0.615	0.609	0.583
x_1	0.8670	0.9206	1.0000						
η /(mPa s)	0.563	0.549	0.529						

706 **C₂HCl₃ (1)** **1,1,2-trichloro-ethene** **79-01-6**
C₆H₅NO₂ (2) **nitrobenzene** **98-95-3**

$T/K = 303.15$ 88R2

x_1	0.0000	0.1785	0.2766	0.3998	0.4424	0.5026	0.5559	0.6343	0.7638
η /(mPa s)	1.639	1.295	1.143	0.989	0.944	0.884	0.835	0.770	0.676
x_1	0.8673	0.9214	1.0000						
η /(mPa s)	0.610	0.576	0.529						

707 **C₂HCl₃ (1)** **1,1,2-trichloro-ethene** **79-01-6**
C₆H₆ (2) **benzene** **71-43-2**

$T/^\circ\text{C} = 30.0$ 83M1

x_2	0.000	0.201	0.402	0.600	0.777	1.000			
η /(mPa s)	0.508	0.5031	0.4981	0.5016	0.5237	0.558			

$T/^\circ\text{C} = 40.0$										83M1
x_2	0.000	0.201	0.402	0.600	0.777	1.000				
$\eta/(\text{mPa s})$	0.471	0.4613	0.4536	0.4524	0.4719	0.494				
$T/^\circ\text{C} = 50.0$										83M1
x_2	0.000	0.201	0.402	0.600	0.777	1.000				
$\eta/(\text{mPa s})$	0.433	0.4201	0.4130	0.4100	0.4246	0.436				
$T/^\circ\text{C} = 60.0$										83M1
x_2	0.000	0.201	0.402	0.600	0.777	1.000				
$\eta/(\text{mPa s})$	0.399	0.3847	0.3778	0.3732	0.3853	0.389				
$T/\text{K} = 303.15$										81N1
x_1	0.0000	0.1624	0.2635	0.3697	0.4701	0.6728	0.7735	0.8791	0.9429	
$\eta/(\text{mPa s})$	0.565	0.535	0.521	0.512	0.507	0.504	0.507	0.510	0.514	
x_1	1.0000									
$\eta/(\text{mPa s})$	0.517									
708	C_2HCl_3 (1)	$\text{C}_6\text{H}_{10}\text{O}$ (2)	1,1,2-trichloro-ethene cyclohexanone						79-01-6 108-94-1	
$T/\text{K} = 298.15$										88R4
x_1	0.0000	0.1122	0.2059	0.3057	0.4263	0.4987	0.6177	0.7064	0.7889	
$\eta/(\text{mPa s})$	1.819	1.589	1.365	1.215	1.069	0.988	0.883	0.803	0.739	
x_1	0.9152	1.0000								
$\eta/(\text{mPa s})$	0.666	0.618								
$T/\text{K} = 308.15$										88R4
x_1	0.0000	0.1122	0.2059	0.3057	0.4263	0.4987	0.6177	0.7064	0.7889	
$\eta/(\text{mPa s})$	1.516	1.336	1.174	1.062	0.944	0.878	0.789	0.723	0.680	
x_1	0.9152	1.0000								
$\eta/(\text{mPa s})$	0.618	0.588								
$T/\text{K} = 318.15$										88R4
x_1	0.0000	0.1122	0.2059	0.3057	0.4263	0.4987	0.6177	0.7064	0.7889	
$\eta/(\text{mPa s})$	1.311	1.158	1.034	0.933	0.835	0.791	0.719	0.672	0.633	
x_1	0.9152	1.0000								
$\eta/(\text{mPa s})$	0.582	0.557								
$T/^\circ\text{C} = 20.0$										25W3
x_1	0.2500	0.2857	0.3333	0.4000	0.5000	0.6666				
η/η_{water}	0.87	0.92	0.96	1.02	1.12	1.49				
$T/\text{K} = 303.15$										98N1
x_2	0.0000	0.0369	0.0833	0.1266	0.1736	0.2161	0.2616	0.3124	0.3556	
$\nu/(\text{mm}^2/\text{s})$	0.355	0.384	0.420	0.458	0.498	0.540	0.584	0.635	0.684	

x_2	0.3996	0.4729	0.5288	0.5715	0.6272	0.6738	0.7265	0.7844	0.8374
$\nu /(\text{mm}^2/\text{s})$	0.733	0.819	0.897	0.967	1.053	1.140	1.236	1.363	1.488
x_2	0.8937	0.9435	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.623	1.764	1.925						
709	C₂HCl₃ (1) C₆H₁₂ (2)		1,1,2-trichloro-ethene cyclohexane						79-01-6 110-82-7
$T/\text{K} = 303.15$									88R2
x_1	0.0000	0.1126	0.1815	0.2710	0.3216	0.4267	0.5408	0.6646	0.7803
$\eta /(\text{mPa s})$	0.786	0.721	0.683	0.640	0.621	0.586	0.565	0.560	0.559
x_1	0.8157	0.9306	1.0000						
$\eta /(\text{mPa s})$	0.559	0.541	0.529						
710	C₂HCl₃ (1) C₆H₁₂O (2)		1,1,2-trichloro-ethene 4-methyl-pentan-2-one						79-01-6 108-10-1
$T/\text{K} = 298.15$									88R4
x_1	0.0000	0.1008	0.1998	0.3286	0.4037	0.5018	0.5921	0.7362	0.7986
$\eta /(\text{mPa s})$	0.542	0.564	0.578	0.593	0.603	0.616	0.621	0.631	0.630
x_1	0.8859	1.0000							
$\eta /(\text{mPa s})$	0.624	0.618							
$T/\text{K} = 308.15$									88R4
x_1	0.0000	0.1008	0.1998	0.3286	0.4037	0.5018	0.5921	0.7362	0.7986
$\eta /(\text{mPa s})$	0.505	0.508	0.516	0.533	0.546	0.561	0.574	0.595	0.600
x_1	0.8859	1.0000							
$\eta /(\text{mPa s})$	0.605	0.588							
$T/\text{K} = 318.15$									88R4
x_1	0.0000	0.1008	0.1998	0.3286	0.4037	0.5018	0.5921	0.7362	0.7986
$\eta /(\text{mPa s})$	0.447	0.464	0.475	0.490	0.500	0.510	0.519	0.533	0.539
x_1	0.8859	1.0000							
$\eta /(\text{mPa s})$	0.547	0.557							
711	C₂HCl₃ (1) C₆H₁₄ (2)		1,1,2-trichloro-ethene hexane						79-01-6 110-54-3
$T/\text{K} = 303.15$									88R2
x_1	0.0000	0.1367	0.2452	0.3359	0.4720	0.5529	0.6264	0.7076	0.7648
$\eta /(\text{mPa s})$	0.309	0.329	0.346	0.364	0.391	0.409	0.426	0.447	0.462
x_1	0.8162	0.9282	1.0000						
$\eta /(\text{mPa s})$	0.477	0.508	0.529						

712	C₂HCl₃ (1) C₆H₁₄O₂ (2)	1,1,2-trichloro-ethene 2-butoxy-ethanol							79-01-6 111-76-2
<i>T</i> /K = 303.15									97V3
<i>x</i> ₁	0.0000	0.1147	0.2158	0.3119	0.4264	0.5157	0.6108	0.6870	0.8076
<i>η</i> /(mPa s)	2.408	2.110	1.821	1.568	1.297	1.111	0.937	0.817	0.671
<i>x</i> ₁	0.9043	1.0000							
<i>η</i> /(mPa s)	0.582	0.515							
<i>T</i> /K = 313.15									97V3
<i>x</i> ₁	0.0000	0.1147	0.2158	0.3119	0.4264	0.5157	0.6108	0.6870	0.8076
<i>η</i> /(mPa s)	1.869	1.646	1.451	1.271	1.074	0.934	0.806	0.718	0.608
<i>x</i> ₁	0.9043	1.0000							
<i>η</i> /(mPa s)	0.537	0.486							
713	C₂HCl₃ (1) C₆H₁₄O₃ (2)	1,1,2-trichloro-ethene 2-(2-ethoxy-ethoxy)-ethanol							79-01-6 111-90-0
<i>T</i> /K = 298.15									98P4
<i>x</i> ₂	0.0000	0.0082	0.0263	0.0381	0.0517	0.0641	0.0756	0.0944	0.1290
<i>η</i> /(mPa s)	0.529	0.539	0.563	0.580	0.602	0.620	0.639	0.669	0.736
<i>x</i> ₂	0.1724	0.2108	0.2459	0.2921	0.3336	0.3791	0.4231	0.4570	0.4908
<i>η</i> /(mPa s)	0.823	0.910	0.997	1.117	1.235	1.376	1.528	1.659	1.788
<i>x</i> ₂	0.5204	0.5570	0.5875	0.6320	0.6736	0.7163	0.7635	0.7976	0.8333
<i>η</i> /(mPa s)	1.902	2.042	2.163	2.342	2.519	2.701	2.912	3.068	3.224
<i>x</i> ₂	0.8779	0.9203	0.9414	0.9717	0.9820	1.0000			
<i>η</i> /(mPa s)	3.423	3.621	3.723	3.857	3.895	3.978			
714	C₂HCl₃ (1) C₇H₈ (2)	1,1,2-trichloro-ethene toluene							79-01-6 108-88-3
<i>T</i> /K = 303.15									88R2
<i>x</i> ₁	0.0000	0.1206	0.2255	0.2823	0.3896	0.4222	0.5181	0.6011	0.6803
<i>η</i> /(mPa s)	0.521	0.525	0.530	0.534	0.541	0.544	0.548	0.551	0.548
<i>x</i> ₁	0.7813	0.8660	1.0000						
<i>η</i> /(mPa s)	0.543	0.538	0.529						
<i>T</i> /°C = 30.0									83M1
<i>x</i> ₁	0.000	0.215	0.413	0.639	0.798	1.000			
<i>η</i> /(mPa s)	0.519	0.5154	0.5166	0.5157	0.5058	0.508			
<i>T</i> /°C = 40.0									83M1
<i>x</i> ₁	0.000	0.215	0.413	0.639	0.798	1.000			
<i>η</i> /(mPa s)	0.465	0.4660	0.4706	0.4717	0.4623	0.471			

$T/^\circ\text{C} = 50.0$										83M1
x_1	0.000	0.215	0.413	0.639	0.798	1.000				
$\eta/(\text{mPa s})$	0.420	0.4245	0.4230	0.4278	0.4244	0.433				
$T/^\circ\text{C} = 60.0$										83M1
x_1	0.000	0.215	0.413	0.639	0.798	1.000				
$\eta/(\text{mPa s})$	0.381	0.3875	0.3886	0.3951	0.3904	0.399				
$T/\text{K} = 303.15$										81N1
x_1	0.0000	0.1548	0.2959	0.3989	0.4793	0.6444	0.7420	0.8706	0.9211	
$\eta/(\text{mPa s})$	0.521	0.520	0.519	0.515	0.515	0.515	0.518	0.520	0.519	
x_1	1.0000									
$\eta/(\text{mPa s})$	0.517									
715	C_2HCl_3 (1) $\text{C}_7\text{H}_8\text{O}$ (2)	1,1,2-trichloro-ethene methoxybenzene						79-01-6 100-66-3		
$T/\text{K} = 303.15$										92N1
x_2	0.0000	0.1234	0.1791	0.2335	0.2818	0.4018	0.5204	0.5501	0.6480	
$\eta/(\text{mPa s})$	0.509	0.523	0.541	0.561	0.577	0.623	0.672	0.682	0.730	
x_2	0.7243	0.8135	1.0000							
$\eta/(\text{mPa s})$	0.765	0.814	0.915							
716	C_2HCl_3 (1) C_7H_{14} (2)	1,1,2-trichloro-ethene methylcyclohexane						79-01-6 108-87-2		
$T/\text{K} = 303.15$										88R2
x_1	0.0000	0.1426	0.2282	0.3341	0.4126	0.4708	0.5625	0.7118	0.8119	
$\eta/(\text{mPa s})$	0.627	0.600	0.585	0.569	0.560	0.554	0.547	0.538	0.534	
x_1	0.8882	0.9326	1.0000							
$\eta/(\text{mPa s})$	0.532	0.531	0.529							
717	C_2HCl_3 (1) C_7H_{16} (2)	1,1,2-trichloro-ethene heptane						79-01-6 142-82-5		
$T/\text{K} = 303.15$										88R2
x_1	0.0000	0.1564	0.2406	0.3549	0.4994	0.6271	0.6529	0.7365	0.8106	
$\eta/(\text{mPa s})$	0.388	0.402	0.411	0.424	0.444	0.464	0.469	0.483	0.496	
x_1	0.8994	0.9326	1.0000							
$\eta/(\text{mPa s})$	0.511	0.517	0.529							
718	C_2HCl_3 (1) $\text{C}_7\text{H}_{16}\text{O}$ (2)	1,1,2-trichloro-ethene heptan-1-ol						79-01-6 111-70-6		

$T/K = 303.15$										89A3
x_2	0.0000	0.1161	0.2045	0.2949	0.3792	0.4884	0.5714	0.6298	0.7370	
$\eta /(\text{mPa s})$	0.529	0.734	0.863	0.989	1.166	1.459	1.767	2.030	2.643	
x_2	0.8161	0.9242	1.0000							
$\eta /(\text{mPa s})$	3.197	4.119	4.862							
719	C₂HCl₃ (1) C₇H₁₆O₄ (2)		1,1,2-trichloro-ethene 2-[2-(2-methoxy-ethoxy)-ethoxy]-ethanol							79-01-6 112-35-6
$T/K = 298.15$										98P4
x_2	0.0000	0.0056	0.0133	0.0235	0.0377	0.0554	0.0751	0.0865	0.1057	
$\eta /(\text{mPa s})$	0.529	0.538	0.554	0.574	0.603	0.645	0.694	0.725	0.778	
x_2	0.1359	0.1710	0.2125	0.2627	0.2860	0.3201	0.3511	0.3864	0.4202	
$\eta /(\text{mPa s})$	0.869	0.983	1.134	1.342	1.451	1.615	1.784	1.974	2.172	
x_2	0.4548	0.4947	0.5322	0.5817	0.6349	0.9824	0.7308	0.7791	0.8178	
$\eta /(\text{mPa s})$	2.382	2.633	2.875	3.210	3.596	3.953	4.320	4.716	5.027	
x_2	0.8689	0.9106	0.9455	0.9667	0.9823	1.0000				
$\eta /(\text{mPa s})$	5.459	5.813	6.128	6.324	6.438	6.586				
720	C₂HCl₃ (1) C₈H₁₀ (2)		1,1,2-trichloro-ethene 1,4-dimethyl-benzene							79-01-6 106-42-3
$T/K = 303.15$										81N1
x_1	0.0000	0.1527	0.2493	0.2805	0.3637	0.6212	0.6910	0.8094	1.0000	
$\eta /(\text{mPa s})$	0.566	0.565	0.562	0.562	0.563	0.552	0.546	0.539	0.517	
721	C₂HCl₃ (1) C₈H₁₈O₃ (2)		1,1,2-trichloro-ethene 2-(2-butoxy-ethoxy)-ethanol							79-01-6 112-34-5
$T/K = 298.15$										98P4
x_2	0.0000	0.0067	0.0185	0.0282	0.0462	0.0623	0.0798	0.0916	0.1239	
$\eta /(\text{mPa s})$	0.529	0.539	0.560	0.577	0.609	0.643	0.680	0.708	0.784	
x_2	0.1624	0.2002	0.2310	0.2680	0.2998	0.3306	0.3622	0.4019	0.4263	
$\eta /(\text{mPa s})$	0.890	0.999	1.097	1.224	1.339	1.460	1.598	1.789	1.914	
x_2	0.4614	0.5031	0.5400	0.6007	0.6745	0.7406	0.7898	0.8221	0.8567	
$\eta /(\text{mPa s})$	2.087	2.305	2.492	2.810	3.232	3.618	3.928	4.116	4.332	
x_2	0.8875	0.9174	0.9489	0.9678	0.9829	1.0000				
$\eta /(\text{mPa s})$	4.525	4.727	4.919	5.031	5.120	5.232				
722	C₂HCl₃ (1) C₈H₁₈O₄ (2)		1,1,2-trichloro-ethene 2-[2-(2-ethoxy-ethoxy)-ethoxy]-ethanol							79-01-6 112-50-5

$T/K = 298.15$										98P4
x_2	0.0000	0.0053	0.0167	0.0260	0.0395	0.0528	0.0728	0.1054	0.1458	
$\eta /(\text{mPa s})$	0.529	0.540	0.565	0.587	0.618	0.651	0.707	0.809	0.947	
x_2	0.1858	0.2345	0.2866	0.3318	0.3679	0.4108	0.4470	0.4818	0.5230	
$\eta /(\text{mPa s})$	1.103	1.326	1.587	1.832	2.048	2.323	2.559	2.796	3.087	
x_2	0.5639	0.6278	0.6904	0.7278	0.7721	0.8271	0.8733	0.9136	0.9317	
$\eta /(\text{mPa s})$	3.396	3.880	4.378	4.683	5.051	5.521	5.952	6.273	6.460	
x_2	0.9672	0.9806	1.0000							
$\eta /(\text{mPa s})$	6.773	6.891	7.042							

723 **C_2HCl_3 (1)** **1,1,2-trichloro-ethene** **79-01-6**
 $\text{C}_{10}\text{H}_{22}\text{O}_4$ (2) **2-[2-(2-butoxy-ethoxy)-ethoxy]-ethanol** **143-22-6**

$T/K = 298.15$										98P4
x_2	0.0000	0.0080	0.0207	0.0326	0.0484	0.0692	0.0868	0.1122	0.1472	
$\eta /(\text{mPa s})$	0.529	0.550	0.583	0.620	0.671	0.742	0.809	0.913	1.064	
x_2	0.1817	0.2132	0.2487	0.2772	0.3104	0.3418	0.3841	0.4202	0.4555	
$\eta /(\text{mPa s})$	1.242	1.421	1.641	1.839	2.088	2.329	2.663	2.968	3.288	
x_2	0.4882	0.5244	0.5826	0.6409	0.6866	0.7428	0.8128	0.8883	0.9261	
$\eta /(\text{mPa s})$	3.585	3.929	4.489	5.100	5.591	6.200	6.968	7.840	8.238	
x_2	0.9670	0.9864	1.0000							
$\eta /(\text{mPa s})$	8.732	8.939	9.109							

724 **$\text{C}_2\text{HCl}_3\text{O}$ (1)** **trichloroacetaldehyde** **75-87-6**
 $\text{C}_2\text{H}_6\text{O}$ (2) **ethanol** **64-17-5**

$T/^\circ\text{C} = 40.0$										13K1
x_1	0.000	0.100	0.150	0.200	0.250	0.300	0.400	0.425	0.450	
$\eta /(\text{mPa s})$	0.796	1.126	1.406	1.753	2.200	2.783	4.053	4.352	4.632	
x_1	0.475	0.490	0.500	0.550	0.600	0.700	0.750	0.800	0.900	
$\eta /(\text{mPa s})$	4.757	4.703	4.565	3.937	3.311	2.258	1.976	1.755	1.351	
x_1	1.000									
$\eta /(\text{mPa s})$	1.009									
$T/^\circ\text{C} = 45.0$										13K1
x_1	0.000	0.100	0.150	0.200	0.250	0.300	0.400	0.425	0.450	
$\eta /(\text{mPa s})$	0.720	1.031	1.271	1.569	1.951	2.383	3.366	3.580	3.769	
x_1	0.475	0.490	0.500	0.550	0.600	0.700	0.750	0.800	0.900	
$\eta /(\text{mPa s})$	3.854	3.788	3.673	3.201	2.737	1.989	1.724	1.542	1.219	
x_1	1.000									
$\eta /(\text{mPa s})$	0.934									
$T/^\circ\text{C} = 50.0$										13K1

x_1	0.000	0.100	0.150	0.200	0.250	0.300	0.400	0.425	0.450
η /(mPa s)	0.657	0.939	1.141	1.397	1.702	2.074	2.848	3.000	3.141
x_1	0.475	0.490	0.500	0.550	0.600	0.700	0.750	0.800	0.900
η /(mPa s)	3.201	3.143	3.064	2.706	2.392	1.757	1.530	1.380	1.120
x_1	1.000								
η /(mPa s)	0.869								
$T/^\circ\text{C} = 60.0$									13K1
x_1	0.000	0.100	0.150	0.200	0.250	0.300	0.400	0.425	0.450
η /(mPa s)	0.556	0.789	0.946	1.131	1.338	1.596	2.119	2.225	2.278
x_1	0.475	0.490	0.500	0.550	0.600	0.700	0.750	0.800	0.900
η /(mPa s)	2.315	2.305	2.217	2.045	1.834	1.424	1.251	1.152	0.961
x_1	1.000								
η /(mPa s)	0.779								
$T/^\circ\text{C} = 70.0$									13K1
x_1	0.000	0.100	0.150	0.200	0.250	0.300	0.400	0.425	0.450
η /(mPa s)	0.485	0.659	0.780	0.929	1.082	1.262	1.599	1.743	1.717
x_1	0.475	0.490	0.500	0.550	0.600	0.700	0.750	0.800	0.900
η /(mPa s)	1.705	1.715	1.680	1.568	1.450	1.164	1.040	0.966	0.827
x_1	1.000								
η /(mPa s)	0.677								
$T/^\circ\text{C} = 85.0$									13K1
x_1	0.100	0.150	0.200	0.250	0.300	0.400	0.425	0.450	
η /(mPa s)	0.477	0.576	0.690	0.807	0.922	1.105	1.163	1.190	
x_1	0.475	0.490	0.500	0.550	0.600	0.700	0.750	0.800	1.000
η /(mPa s)	1.186	1.170	1.168	1.101	1.021	0.838	0.800	0.739	0.557
725	$\text{C}_2\text{HCl}_3\text{O}$ (1)		trichloroacetaldehyde						75-87-6
	$\text{C}_3\text{H}_6\text{O}$ (2)		propan-2-one						67-64-1
$T/^\circ\text{C} = 25.0$									56U2
x_1	0.0000	0.0713	0.1371	0.2697	0.3708	0.4723	0.5664	0.6561	0.7731
η /(mPa s)	0.3214	0.4048	0.4541	0.5494	0.6015	0.6699	0.7342	0.7924	0.8894
x_1	0.8964	1.0000							
η /(mPa s)	0.9679	1.0552							
$T/^\circ\text{C} = 35.0$									56U2
x_1	0.0000	0.0713	0.1371	0.2697	0.3708	0.4723	0.5664	0.6561	0.7731
η /(mPa s)	0.2982	0.3678	0.4111	0.7870	0.5376	0.5949	0.6484	0.7021	0.7778
x_1	0.8964	1.0000							
η /(mPa s)	0.8506	0.9017							
$T/^\circ\text{C} = 50.0$									56U2

x_1	0.0000	0.0713	0.1371	0.2697	0.3708	0.4723	0.5664	0.6561	0.7731
η /(mPa s)	0.2639	0.3231	0.3615	0.4176	0.4606	0.5118	0.5540	0.6001	0.6568
x_1	0.8964	1.0000							
η /(mPa s)	0.7107	0.7641							

726 **C₂HCl₃O (1)** **trichloroacetaldehyde** **75-87-6**
C₃H₆O (2) **prop-2-en-1-ol** **107-18-6**

$T/^\circ\text{C} = 25.0$ 18E1

x_2	0.000	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.425
η /(mPa s)	1.263	1.806	2.226	2.780	3.561	4.606	6.172	7.683	8.439
x_2	0.450	0.475	0.490	0.500	0.525	0.550	0.600	0.650	0.700
η /(mPa s)	9.281	9.880	10.361	10.435	10.133	9.536	8.109	6.304	4.657
x_2	0.750	0.800	0.850	0.900	1.000				
η /(mPa s)	3.672	2.890	2.262	1.763	1.263				

$T/^\circ\text{C} = 40.0$ 18E1

x_2	0.000	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.425
η /(mPa s)	0.916	1.271	1.539	1.835	2.303	2.801	3.411	3.990	4.337
x_2	0.450	0.475	0.490	0.500	0.525	0.550	0.600	0.650	0.700
η /(mPa s)	4.658	4.880	4.916	4.918	4.863	4.612	4.052	3.430	2.852
x_2	0.750	0.800	0.850	0.900	1.000				
η /(mPa s)	2.386	1.972	1.603	1.303	1.009				

$T/^\circ\text{C} = 50.0$ 18E1

x_2	0.000	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.425
η /(mPa s)	0.765	1.025	1.211	1.433	1.722	2.078	2.463	2.813	3.006
x_2	0.450	0.475	0.490	0.500	0.525	0.550	0.600	0.650	0.700
η /(mPa s)	3.144	3.317	3.346	3.349	3.324	3.208	2.861	2.507	2.156
x_2	0.750	0.800	0.850	0.900	1.000				
η /(mPa s)	1.856	1.588	1.321	1.107	0.869				

$T/^\circ\text{C} = 70.0$ 18E1

x_2	0.000	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.425
η /(mPa s)	0.548	0.696	0.822	0.942	1.082	1.247	1.419	1.565	1.642
x_2	0.450	0.475	0.490	0.500	0.525	0.550	0.600	0.650	0.700
η /(mPa s)	1.704	1.744	1.766	1.768	1.750	1.705	1.600	1.455	1.285
x_2	0.750	0.800	0.850	0.900	1.000				
η /(mPa s)	1.208	1.057	0.931	0.825	0.677				

$T/^\circ\text{C} = 85.0$ 18E1

x_2	0.000	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.425
η /(mPa s)	0.432	0.540	0.610	0.710	0.808	0.898	1.007	1.099	1.141
x_2	0.450	0.475	0.490	0.500	0.525	0.550	0.600	0.650	
η /(mPa s)	1.168	1.209	1.225	1.231	1.223	1.175	1.120	1.034	

727	C₂HCl₃O (1) C₄H₈O (2)		trichloroacetaldehyde butan-2-one						75-87-6 78-93-3
									56U2
	$T/^\circ\text{C} = 25.0$								
x_1	0.0000	0.1183	0.2018	0.3006	0.3959	0.5007	0.5979	0.6814	0.7599
$\eta /(\text{mPa s})$	0.3940	0.5125	0.5629	0.6247	0.6758	0.7457	0.8097	0.8541	0.8952
x_1	0.8470	1.0000							
$\eta /(\text{mPa s})$	0.9503	1.0552							
	$T/^\circ\text{C} = 50.0$								56U2
x_1	0.0000	0.1183	0.2018	0.3006	0.3959	0.5007	0.5979	0.6814	0.7599
$\eta /(\text{mPa s})$	0.3148	0.3989	0.4323	0.4784	0.5132	0.5619	0.6053	0.6241	0.6588
x_1	0.8470	1.0000							
$\eta /(\text{mPa s})$	0.7035	0.7641							
	$T/^\circ\text{C} = 75.0$								56U2
x_1	0.0000	0.1183	0.2018	0.3006	0.3959	0.5007	0.5979	0.6814	0.7599
$\eta /(\text{mPa s})$	0.2595	0.3222	0.3490	0.3815	0.4046	0.4424	0.4772	0.4901	0.5134
x_1	0.8470	1.0000							
$\eta /(\text{mPa s})$	0.5391	0.5885							
728	C₂HCl₃O (1) C₅H₈O₂ (2)		trichloroacetaldehyde pentane-2,4-dione						75-87-6 123-54-6
									56U2
	$T/^\circ\text{C} = 65.0$								
x_1	0.0000	0.0996	0.1995	0.2997	0.4008	0.4844	0.5048	0.5134	0.5984
$\eta /(\text{mPa s})$	0.4831	0.6992	1.1386	2.3112	4.8743	11.557	15.207	11.552	5.4330
x_1	0.7000	0.8275	1.0000						
$\eta /(\text{mPa s})$	3.0378	1.5324	0.6576						
	$T/^\circ\text{C} = 75.0$								56U2
x_1	0.0000	0.0996	0.1995	0.2997	0.4008	0.4844	0.5048	0.5134	0.5984
$\eta /(\text{mPa s})$	0.4347	0.6427	0.9894	1.8670	2.8980	7.5577	8.8564	8.3792	3.9168
x_1	0.7000	0.8275	1.0000						
$\eta /(\text{mPa s})$	2.3508	1.2626	0.5885						
	$T/^\circ\text{C} = 85.0$								56U2
x_1	0.0000	0.0996	0.1995	0.2997	0.4008	0.4844	0.5048	0.5134	0.5984
$\eta /(\text{mPa s})$	0.4212	0.5692	0.8004	1.4012	2.2018	5.1662	5.3852	4.7097	2.6476
x_1	0.7000	0.8275	1.0000						
$\eta /(\text{mPa s})$	1.8529	1.0443	0.5357						
729	C₂HCl₃O (1) C₅H₁₀O (2)		trichloroacetaldehyde pentan-2-one						75-87-6 107-87-9

$T/^\circ\text{C} = 25.0$										56U2
x_1	0.0000	0.1199	0.2489	0.3714	0.5058	0.6071	0.7288	0.8116	0.9001	
$\eta /(\text{mPa s})$	0.4591	0.5240	0.5950	0.6722	0.7399	0.8153	0.8727	0.9343	0.9935	
x_1	1.0000									
$\eta /(\text{mPa s})$	1.0552									
$T/^\circ\text{C} = 50.0$										56U2
x_1	0.0000	0.1199	0.2489	0.3714	0.5058	0.6071	0.7288	0.8116	0.9001	
$\eta /(\text{mPa s})$	0.3584	0.4084	0.4580	0.5112	0.5571	0.6000	0.6402	0.6822	0.7258	
x_1	1.0000									
$\eta /(\text{mPa s})$	0.7641									
$T/^\circ\text{C} = 75.0$										56U2
x_1	0.0000	0.1199	0.2489	0.3714	0.5058	0.6071	0.7288	0.8116	0.9001	
$\eta /(\text{mPa s})$	0.2982	0.3301	0.3660	0.4039	0.4421	0.4686	0.5041	0.5272	0.5574	
x_1	1.0000									
$\eta /(\text{mPa s})$	0.5885									
730	$\text{C}_2\text{HCl}_3\text{O}$ (1)		trichloroacetaldehyde							75-87-6
	$\text{C}_5\text{H}_{12}\text{O}$ (2)		3-methyl-butan-1-ol							123-51-3
$T/^\circ\text{C} = 40.0$										49U1
x_1	0.0000	0.0715	0.2226	0.2851	0.3509	0.4001	0.4335	0.4573	0.4722	
$\eta /(\text{mPa s})$	2.3761	2.8249	4.0980	4.6839	5.4761	6.0696	6.4802	6.9230	6.9223	
x_1	0.4823	0.4926	0.5251	0.5576	0.6165	0.7376	0.8868	1.0000		
$\eta /(\text{mPa s})$	6.8309	6.7507	6.0261	5.4056	3.9351	2.1508	1.2830	0.8411		
$T/^\circ\text{C} = 60.0$										49U1
x_1	0.0000	0.0715	0.2226	0.2851	0.3509	0.4001	0.4335	0.4573	0.4722	
$\eta /(\text{mPa s})$	1.4300	1.6501	2.2335	2.4667	2.8069	3.0140	3.1042	3.1210	3.2835	
x_1	0.4823	0.4926	0.5251	0.5576	0.6165	0.7376	0.8868	1.0000		
$\eta /(\text{mPa s})$	3.0906	3.1470	2.9723	2.7677	2.3612	1.4782	0.9425	0.6727		
$T/^\circ\text{C} = 80.0$										49U1
x_1	0.0000	0.0715	0.2226	0.2851	0.3509	0.4001	0.4335	0.4573	0.4722	
$\eta /(\text{mPa s})$	0.8834	1.0230	1.3408	1.4484	1.6567	1.8013	1.8607	1.8449	1.8285	
x_1	0.4823	0.4926	0.5251	0.5576	0.6165	0.7376	0.8868	1.0000		
$\eta /(\text{mPa s})$	1.8047	1.8064	1.7591	1.6535	1.4290	1.0383	0.7198	0.5328		
731	$\text{C}_2\text{HCl}_3\text{O}$ (1)		trichloroacetaldehyde							75-87-6
	$\text{C}_5\text{H}_{12}\text{O}$ (2)		2-methyl-butan-2-ol							75-85-4
$T/^\circ\text{C} = 25.0$										18E1
x_1	0.000	0.100	0.200	0.300	0.400	0.425	0.450	0.475	0.500	

η /(mPa s)	3.697	3.809	5.190	6.882	8.576	8.813	8.897	8.988	8.992
x_1	0.550	0.600	0.700	0.750	0.800	0.900	1.000		
η /(mPa s)	8.512	7.391	5.018	3.822	2.929	1.942	1.263		
T /°C = 40.0									18E1
x_1	0.000	0.100	0.200	0.300	0.400	0.425	0.450	0.475	0.500
η /(mPa s)	1.975	2.142	2.746	3.502	4.063	4.163	4.193	4.233	4.226
x_1	0.550	0.600	0.700	0.750	0.800	0.900	1.000		
η /(mPa s)	4.047	3.733	2.959	2.413	2.016	1.633	1.009		
T /°C = 50.0									18E1
x_1	0.000	0.100	0.200	0.300	0.400	0.425	0.450	0.475	0.500
η /(mPa s)	1.401	1.513	1.907	2.332	2.625	2.754	2.792	2.812	2.784
x_1	0.550	0.600	0.700	0.750	0.800	0.900	1.000		
η /(mPa s)	2.683	2.541	2.112	1.827	1.539	1.311	0.869		
T /°C = 70.0									18E1
x_1	0.000	0.100	0.200	0.300	0.400	0.425	0.450	0.475	0.500
η /(mPa s)	0.798	0.881	1.042	1.223	1.333	1.380	1.396	1.388	1.382
x_1	0.550	0.600	0.700	0.750	0.800	0.900	1.000		
η /(mPa s)	1.346	1.284	1.133	1.098	1.041	0.891	0.677		
T /°C = 85.0									18E1
x_1	0.000	0.100	0.200	0.300	0.400	0.425	0.450	0.475	0.500
η /(mPa s)	0.573	0.562	0.733	0.837	0.929	0.938	0.928	0.928	0.925
x_1	0.550	0.600	0.800	0.900	1.000				
η /(mPa s)	0.911	0.898	0.796	0.701	0.557				
732	C₂HCl₃O (1)	C₆H₁₂O (2)	trichloroacetaldehyde cyclohexanol					75-87-6 108-93-0	
T /°C = 60.0									56U1
x_1	0.0000	0.1219	0.1998	0.2491	0.2984	0.3499	0.3976	0.4485	0.4960
η /(mPa s)	8.254	9.350	10.065	10.440	10.492	10.495	10.199	9.316	7.757
x_1	0.5951	0.7022	0.7973	0.8917	1.0000				
η /(mPa s)	3.994	2.054	1.327	0.931	0.701				
T /°C = 80.0									56U1
x_1	0.0000	0.1219	0.1998	0.2491	0.2984	0.3499	0.3976	0.4485	0.4960
η /(mPa s)	3.721	4.145	4.409	4.547	4.576	4.587	4.493	4.178	3.602
x_1	0.5951	0.7022	0.7973	0.8917	1.0000				
η /(mPa s)	2.388	1.432	1.008	0.743	0.565				
733	C₂HCl₃O (1)	C₇H₆O (2)	trichloroacetaldehyde benzaldehyde					75-87-6 100-52-7	

$T/^\circ\text{C} = 25.0$										57U2
x_1	0.0000	0.1128	0.2115	0.3013	0.3993	0.4985	0.6483	0.8001	0.9029	
$\eta /(\text{mPa s})$	1.3870	1.3843	1.3660	1.3551	1.3302	1.3051	1.2509	1.1548	1.1196	
x_1	1.0000									
$\eta /(\text{mPa s})$	1.0552									
$T/^\circ\text{C} = 50.0$										57U2
x_1	0.0000	0.1128	0.2115	0.3013	0.3993	0.4985	0.6483	0.8001	0.9029	
$\eta /(\text{mPa s})$	0.9745	0.9713	0.9495	0.9475	0.9395	0.9009	0.8728	0.8150	0.7984	
x_1	1.0000									
$\eta /(\text{mPa s})$	0.7641									
$T/^\circ\text{C} = 75.0$										57U2
x_1	0.0000	0.1128	0.2115	0.3013	0.3993	0.4985	0.6483	0.8001	0.9029	
$\eta /(\text{mPa s})$	0.7369	0.7366	0.7219	0.7192	0.7039	0.6890	0.6718	0.6297	0.6115	
x_1	1.0000									
$\eta /(\text{mPa s})$	0.5885									

734 **$\text{C}_2\text{HCl}_3\text{O}$ (1)** **trichloroacetaldehyde** **75-87-6**
 $\text{C}_7\text{H}_6\text{O}_2$ (2) **2-hydroxy-benzaldehyde** **90-02-8**

$T/^\circ\text{C} = 25.0$										57U2
x_1	0.0000	0.0998	0.1904	0.2991	0.4008	0.5165	0.6409	0.7591	0.8963	
$\eta /(\text{mPa s})$	2.5012	2.3121	2.0972	1.9165	1.7492	1.5807	1.4244	1.2870	1.1185	
x_1	1.0000									
$\eta /(\text{mPa s})$	1.0552									
$T/^\circ\text{C} = 50.0$										57U2
x_1	0.0000	0.0998	0.1904	0.2991	0.4008	0.5165	0.6409	0.7591	0.8963	
$\eta /(\text{mPa s})$	1.5361	1.4457	1.3371	1.2602	1.1679	1.0815	0.9822	0.9032	0.7963	
x_1	1.0000									
$\eta /(\text{mPa s})$	0.7641									
$T/^\circ\text{C} = 75.0$										57U2
x_1	0.0000	0.0998	0.1904	0.2991	0.4008	0.5165	0.6409	0.7591	0.8963	
$\eta /(\text{mPa s})$	1.0630	1.0171	0.9595	0.9093	0.8643	0.7993	0.7387	0.6840	0.6145	
x_1	1.0000									
$\eta /(\text{mPa s})$	0.5885									

735 **$\text{C}_2\text{HCl}_3\text{O}$ (1)** **trichloroacetaldehyde** **75-87-6**
 $\text{C}_7\text{H}_8\text{O}$ (2) **phenylmethanol** **100-51-6**

$T/^\circ\text{C} = 25.0$										56U1
x_1	0.0000	0.0986	0.1891	0.2795	0.3562	0.4064	0.4364	0.4751	0.4930	
$\eta /(\text{mPa s})$	5.212	7.956	12.34	18.57	21.83	40.42	50.35	55.16	54.24	

x_1	0.4998	0.5395	0.5925	0.6679	0.7564	0.8827	1.0000		
η /(mPa s)	51.18	39.89	24.53	9.262	2.888	2.072	1.055		
$T/^\circ\text{C} = 50.0$									56U1
x_1	0.0000	0.0986	0.1891	0.2795	0.3562	0.4064	0.4364	0.4751	0.4930
η /(mPa s)	2.548	3.521	4.774	6.410	6.783	9.558	10.85	10.57	10.21
x_1	0.4998	0.5395	0.5925	0.6679	0.7564	0.8827	1.0000		
η /(mPa s)	10.01	8.491	6.780	3.796	1.639	1.307	0.764		
$T/^\circ\text{C} = 75.0$									56U1
x_1	0.0000	0.0986	0.1891	0.2795	0.3562	0.4064	0.4364	0.4751	0.4930
η /(mPa s)	1.501	1.934	2.422	2.948	3.175	3.772	4.165	3.888	3.873
x_1	0.4998	0.5395	0.5925	0.6679	0.7564	0.8827	1.0000		
η /(mPa s)	3.779	3.258	2.953	2.066	1.115	0.922	0.588		

736 **C₂HCl₃O (1)** **trichloroacetaldehyde** **75-87-6**
C₈H₈O (2) **1-phenyl-ethanone** **98-86-2**

$T/^\circ\text{C} = 25.0$									57U2
x_1	0.0000	0.0986	0.1981	0.3004	0.4067	0.4991	0.5969	0.6997	0.8003
η /(mPa s)	1.6369	1.5918	1.5349	1.4761	1.4115	1.3578	1.2919	1.2366	1.1509
x_1	0.8975	1.0000							
η /(mPa s)	1.0962	1.0552							
$T/^\circ\text{C} = 50.0$									57U2
x_1	0.0000	0.0986	0.1981	0.3004	0.4067	0.4991	0.5969	0.6997	0.8003
η /(mPa s)	1.0920	1.0770	1.0456	1.0128	0.9845	0.9509	0.9060	0.8759	0.8355
x_1	0.8975	1.0000							
η /(mPa s)	0.7944	0.7641							
$T/^\circ\text{C} = 75.0$									57U2
x_1	0.0000	0.0986	0.1981	0.3004	0.4067	0.4991	0.5969	0.6997	0.8003
η /(mPa s)	0.7983	0.7923	0.7735	0.7544	0.7330	0.7111	0.6922	0.6690	0.6453
x_1	0.8975	1.0000							
η /(mPa s)	0.6048	0.5885							

737 **C₂HCl₃O (1)** **trichloroacetaldehyde** **75-87-6**
C₁₃H₁₀O (2) **benzophenone** **119-61-9**

$T/^\circ\text{C} = 25.0$									57U2
x_1	0.0000	0.0995	0.1995	0.2865	0.4010	0.4986	0.5849	0.6990	0.7939
η /(mPa s)	14.666	11.730	8.7865	7.0611	5.2269	3.9703	3.1629	2.3802	1.8607
x_1	0.8887	1.0000							
η /(mPa s)	1.4302	1.0552							
$T/^\circ\text{C} = 50.0$									57U2

x_1	0.0000	0.0995	0.1995	0.2865	0.4010	0.4986	0.5849	0.6990	0.7939
η /(mPa s)	5.2934	4.6384	3.8736	3.3207	2.6853	2.2005	1.8586	1.4842	1.2272
x_1	0.8887	1.0000							
η /(mPa s)	0.9867	0.7641							
T /°C = 75.0									57U2
x_1	0.0000	0.0995	0.1995	0.2865	0.4010	0.4986	0.5849	0.6990	0.7939
η /(mPa s)	2.7537	2.5161	2.2128	1.9721	1.6702	1.4444	1.2630	1.0460	0.8892
x_1	0.8887	1.0000							
η /(mPa s)	0.7329	0.5885							
738	C₂HCl₃O₂ (1) C₂HF₃O₂ (2)		trichloroacetic acid trifluoroacetic acid						76-03-9 76-05-1
T /°C = 25.0									63F4
x_2	0.2532	0.3783	0.4957	0.6274	0.7548	1.0000			
η /(mPa s)	1.613	1.591	1.573	1.549	1.524	1.477			
T /°C = 50.0									63F4
x_2	0.0000	0.1483	0.2532	0.3783	0.4957	0.6274	0.7548	1.0000	
η /(mPa s)	1.618	1.593	1.573	1.551	1.528	1.501	1.475	1.418	
739	C₂HCl₃O₂ (1) C₂H₄O₂ (2)		trichloroacetic acid acetic acid						76-03-9 64-19-7
T /°C = 25.0									67F2
x_1	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60
η /(mPa s)	1.129	1.655	2.258	3.075	3.698	4.117	4.585	4.998	5.490
x_1	0.70	0.80	0.90	1.00					
η /(mPa s)	6.498	7.656	8.682	11.540					
T /°C = 50.0									67F2
x_1	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60
η /(mPa s)	0.790	1.042	1.358	1.678	2.032	2.213	2.415	2.596	2.778
x_1	0.70	0.80	0.90	1.00					
η /(mPa s)	3.184	3.675	4.297	4.990					
T /°C = 25.0									21K2
x_1	0.0000	0.0737	0.1777	0.3209	0.4348	0.5262	0.5853	0.6581	1.0000
η /(mPa s)	1.121	1.532	2.228	3.362	4.346	5.176	5.859	6.854	6.83
740	C₂HCl₃O₂ (1) C₂H₅NO (2)		trichloroacetic acid acetamide						76-03-9 60-35-5
T /°C = 50.0									56B3

x_2	0.25	0.28	0.30	0.35	0.38	0.40	0.45	0.50	0.55
η /(mPa s)	13.62	14.37	14.82	15.38	15.34	15.33	14.77	14.77	13.51
x_2	0.60	0.62	0.68	0.70					
η /(mPa s)	12.87	12.55	11.64	11.40					
T /°C = 60.0									56B3
x_2	0.25	0.28	0.30	0.35	0.38	0.40	0.45	0.50	0.55
η /(mPa s)	6.57	6.67	7.22	7.35	7.74	8.14	8.57	8.99	9.12
x_2	0.60	0.62	0.68	0.70					
η /(mPa s)	9.24	9.44	9.31	9.08					
T /°C = 70.0									56B3
x_2	0.25	0.28	0.30	0.35	0.38	0.40	0.45	0.50	0.55
η /(mPa s)	4.18	4.37	4.45	4.56	4.81	5.05	5.25	5.41	5.47
x_2	0.60	0.62	0.68	0.70					
η /(mPa s)	5.45	5.26	5.15	4.90					
741	C₂HCl₃O₂ (1)		trichloroacetic acid						76-03-9
	C₃H₆O (2)		propan-2-one						67-64-1
T /°C = 30.0									58B3
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.70		
η /(mPa s)	0.39	0.52	0.71	0.99	1.37	2.16	4.42		
T /°C = 40.0									58B3
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	
η /(mPa s)	0.35	0.45	0.61	0.83	1.12	1.67	2.43	3.23	
T /°C = 50.0									58B3
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.31	0.40	0.53	0.71	0.99	1.42	1.81	2.47	3.10
T /°C = 35.0									39U1
x_1	0.0000	0.1650	0.2517	0.3485	0.4411	0.5537	0.6808	0.7475	0.8521
η /(mPa s)	0.2907	0.5039	0.6893	1.0098	1.5080	2.4241	3.7253	4.5272	5.8546
T /°C = 45.0									39U1
x_1	0.0000	0.1650	0.2517	0.3485	0.4411	0.5537	0.6808	0.7475	0.8521
η /(mPa s)	0.2649	0.4530	0.6078	0.8883	1.2725	1.9670	2.9224	3.5042	4.4413
x_1	0.9183								
η /(mPa s)	5.0244								
T /°C = 55.0									39U1
x_1	0.1650	0.2517	0.3485	0.4411	0.5537	0.6808	0.7475	0.8521	0.9183
η /(mPa s)	0.4156	0.5513	0.7905	1.1148	1.6536	2.3815	2.8119	3.4956	3.8994
T /°C = 25.0									21K2

x_1	0.0000	0.0484	0.1316	0.2543	0.3826	0.5048	0.5971	0.7175	1.0000
η /(mPa s)	0.3065	0.3680	0.4855	0.8156	1.433	2.571	3.829	5.808	6.83

742 **C₂HCl₃O₂ (1)** **trichloroacetic acid** **76-03-9**
C₄H₅Cl₃O₂ (2) **trichloroacetic acid ethyl ester** **515-84-4**

$T/^\circ\text{C} = 50.0$ 56U4

x_2	0.0000	0.2358	0.4086	0.5988	0.7928	1.0000
η /(mPa s)	5.323	3.172	2.346	1.742	1.334	1.037

$T/^\circ\text{C} = 60.0$ 56U4

x_2	0.0000	0.2358	0.4086	0.5988	0.7928	1.0000
η /(mPa s)	4.070	2.599	1.964	1.493	1.159	0.915

$T/^\circ\text{C} = 70.0$ 56U4

x_2	0.0000	0.2358	0.4086	0.5988	0.7928	1.0000
η /(mPa s)	3.233	1.164	1.666	1.291	1.016	0.803

743 **C₂HCl₃O₂ (1)** **trichloroacetic acid** **76-03-9**
C₄H₈O₂ (2) **acetic acid ethyl ester** **141-78-6**

$T/^\circ\text{C} = 25.0$ 21K2

x_1	0.0000	0.1118	0.1840	0.2807	0.3846	0.4878	0.6142	0.7008	1.0000
η /(mPa s)	0.4236	0.5878	0.7309	1.001	1.449	2.176	3.467	4.709	6.83

744 **C₂HCl₃O₂ (1)** **trichloroacetic acid** **76-03-9**
C₆H₆O (2) **phenol** **108-95-2**

$T/^\circ\text{C} = 50.0$ 58B2

x_2	0.25	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	4.74	4.75	4.68	4.50	4.33	4.07	3.91

$T/^\circ\text{C} = 70.0$ 58B2

x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	80.0
η /(mPa s)	2.39	2.42	2.39	2.35	2.25	2.14	2.05	1.95

$T/^\circ\text{C} = 90.0$ 58B2

x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	80.0
η /(mPa s)	1.45	1.42	1.40	1.35	1.30	1.24	1.17	1.13

$T/^\circ\text{C} = 50.0$ 52U1

x_2	0.0000	0.1005	0.1834	0.2450	0.3305	0.4032	0.5025	0.5925	0.6928
η /(mPa s)	4.797	5.083	5.115	5.126	5.085	5.012	4.779	4.683	4.342

x_2	0.7600	0.8514	0.9117	1.0000
η /(mPa s)	4.127	3.811	3.569	3.278

$T/^\circ\text{C} = 60.0$ 52U1

x_2	0.0000	0.1005	0.1834	0.2450	0.3305	0.4032	0.5025	0.5925	0.6928
η /(mPa s)	3.786	3.837	3.878	3.894	3.886	3.778	3.666	3.482	3.248
x_2	0.7600	0.8514	0.9117	1.0000					
η /(mPa s)	3.127	2.900	2.721	2.494					
T /°C = 75.0									52U1
x_2	0.0000	0.1005	0.1834	0.2450	0.3305	0.4032	0.5025	0.5925	0.6928
η /(mPa s)	2.779	2.815	2.792	2.754	2.706	2.617	2.513	2.386	2.238
x_2	0.7600	0.8514	0.9117	1.0000					
η /(mPa s)	2.141	1.977	1.865	1.737					

745 **C₂HCl₃O₂ (1)** **trichloroacetic acid** **76-03-9**
C₆H₁₂O₂ (2) **acetic acid butyl ester** **123-86-4**

T /°C = 50.0									56U4
x_2	0.0000	0.1040	0.1870	0.3013	0.3790	0.4940	0.5840	0.7106	0.7901
η /(mPa s)	5.323	4.361	3.749	2.850	2.406	1.798	1.419	0.996	0.810
x_2	0.9290	1.0000							
η /(mPa s)	0.588	0.507							
T /°C = 60.0									56U4
x_2	0.0000	0.1040	0.1870	0.3013	0.3790	0.4940	0.5840	0.7106	0.7901
η /(mPa s)	4.070	3.495	3.024	2.351	1.998	1.515	1.222	0.866	0.715
x_2	0.9290	1.0000							
η /(mPa s)	0.526	0.443							
T /°C = 70.0									56U4
x_2	0.0000	0.1040	0.1870	0.3013	0.3790	0.4940	0.5840	0.7106	0.7901
η /(mPa s)	3.233	2.870	2.459	1.978	1.698	1.302	1.053	0.750	0.634
x_2	0.9290	1.0000							
η /(mPa s)	0.479	0.409							

746 **C₂HCl₃O₂ (1)** **trichloroacetic acid** **76-03-9**
C₇H₁₄O₂ (2) **acetic acid pentyl ester** **628-63-7**

T /°C = 50.0									56U4
x_2	0.0000	0.2135	0.4325	0.6234	0.8421	1.0000			
η /(mPa s)	5.323	3.673	2.146	1.358	0.807	0.589			
T /°C = 60.0									56U4
x_2	0.0000	0.2135	0.4325	0.6234	0.8421	1.0000			
η /(mPa s)	4.070	2.856	1.838	1.152	0.710	0.522			
T /°C = 70.0									56U4
x_2	0.0000	0.2135	0.4325	0.6234	0.8421	1.0000			
η /(mPa s)	3.233	2.332	1.504	0.992	0.623	0.462			

747	C₂HCl₃O₂ (1) C₈H₈O (2)	trichloroacetic acid 1-phenyl-ethanone							76-03-9 98-86-2
	<i>T</i> /°C = 25.0								21K2
<i>x</i> ₁	0.0000	0.0896	0.1400	0.2121	0.2939	0.4090	0.4876	0.5794	0.6815
<i>η</i> /(mPa s)	1.681	2.112	2.402	2.931	3.735	5.540	7.349	9.330	11.15
748	C₂HCl₃O₂ (1) C₉H₁₀O₂ (2)	trichloroacetic acid benzoic acid ethyl ester							76-03-9 93-89-0
	<i>T</i> /°C = 25.0								21K2
<i>x</i> ₁	0.0000	0.08874	0.2096	0.3125	0.3982	0.4907	0.5795	0.6758	1.0000
<i>η</i> /(mPa s)	1.982	2.324	2.930	3.711	4.610	5.848	7.068	8.374	6.83
749	C₂HCl₅ (1) C₃H₆O (2)	1,1,1,2,2-pentachloro-ethane propan-2-one							76-01-7 67-64-1
	<i>T</i> /°C = 25.0								15S2
<i>x</i> ₂	0.0000	0.1476	0.3178	0.5103	0.7037	0.9068	1.0000		
<i>η</i> /(mPa s)	2.260	1.930	1.520	1.120	0.695	0.417	0.312		
750	C₂HCl₅ (1) C₄H₈O₂ (2)	1,1,1,2,2-pentachloro-ethane 1,4-dioxane							76-01-7 123-91-1
	<i>T</i> /K = 303.15								92O5
<i>x</i> ₂	0.0000	0.0967	0.1938	0.2925	0.3925	0.4926	0.5951	0.6928	0.7950
<i>η</i> /(mPa s)	1.971	2.052	2.133	2.141	2.108	2.011	1.851	1.650	1.463
<i>x</i> ₂	0.8962	1.0000							
<i>η</i> /(mPa s)	1.289	1.090							
751	C₂HCl₅ (1) C₄H₁₀O (2)	1,1,1,2,2-pentachloro-ethane ethoxy-ethane							76-01-7 60-29-7
	<i>T</i> /°C = 0.0								15S2
<i>x</i> ₁	0.0000	0.1424	0.2527	0.5032	0.6953	0.8697	1.0000		
<i>η</i> /(mPa s)	0.288	0.446	0.630	1.298	2.051	2.939	3.730		
752	C₂HCl₅ (1) C₈H₈O (2)	1,1,1,2,2-pentachloro-ethane 1-phenyl-ethanone							76-01-7 98-86-2
	<i>T</i> /°C = 25.0								15S2
<i>x</i> ₂	0.0000	0.1163	0.3295	0.5338	0.7313	0.8974	1.0000		

η /(mPa s)	2.260	2.340	2.360	2.267	2.033	1.800	1.645		
753	C₂HCl₅ (1) C₈H₁₀O (2)		1,1,1,2,2-pentachloro-ethane ethoxybenzene					76-01-7 103-73-1	
$T/^\circ\text{C} = 25.0$									15S2
x_2	0.0000	0.0971	0.2214	0.4895	0.6798	0.9030	1.0000		
η /(mPa s)	2.260	2.100	1.920	1.607	1.393	1.206	1.122		
754	C₂HCl₅ (1) C₁₂H₁₀O (2)		1,1,1,2,2-pentachloro-ethane diphenyl ether					76-01-7 101-84-8	
$T/^\circ\text{C} = 25.0$									15S2
x_2	0.0000	0.2642	0.5109	0.7611	1.0000				
η /(mPa s)	2.26	2.64	2.97	3.36	3.66				
755	C₂HF₃O₂ (1) C₂H₃ClO₂ (2)		trifluoroacetic acid chloroacetic acid					76-05-1 79-11-8	
$T/^\circ\text{C} = 25.0$									63F4
x_1	0.3154	0.3509	0.4060	0.4993	0.5075	0.5240	0.5950	0.6678	0.8001
η /(mPa s)	3.27	3.02	2.66	2.20	2.15	2.08	1.77	1.55	1.19
x_1	0.8743	1.0000							
η /(mPa s)	1.04	0.813							
$T/^\circ\text{C} = 50.0$									63F4
x_1	0.0000	0.1187	0.2104	0.3154	0.3509	0.4060	0.4993	0.5075	0.5240
η /(mPa s)	3.15	2.60	2.23	1.85	1.73	1.57	1.35	1.32	1.28
x_1	0.5950	0.6678	0.8001	0.8743	1.0000				
η /(mPa s)	1.13	1.01	0.806	0.717	0.576				
756	C₂HF₃O₂ (1) C₂H₄O₂ (2)		trifluoroacetic acid acetic acid					76-05-1 64-19-7	
$T/^\circ\text{C} = 25.0$									63F4
x_1	0.0000	0.1126	0.2006	0.2478	0.2541	0.3020	0.3326	0.4055	0.5004
η /(mPa s)	1.129	1.255	1.317	1.330	1.330	1.320	1.302	1.273	1.216
x_1	0.5018	0.5962	0.7012	0.7517	0.7997	1.0000			
η /(mPa s)	1.202	1.163	1.097	1.067	1.035	0.813			
$T/^\circ\text{C} = 50.0$									63F4
x_1	0.0000	0.1126	0.2006	0.2478	0.2541	0.3020	0.3326	0.4055	0.5004
η /(mPa s)	0.790	0.848	0.868	0.873	0.873	0.865	0.857	0.839	0.807
x_1	0.5018	0.5962	0.7012	0.7517	0.7997	1.0000			

w_2	0.000	0.248	0.500	0.759	1.000	
$\eta /(\text{mPa s})$	0.1753	0.1599	0.1498	0.1395	0.1342	
$T / ^\circ\text{C} = 25.0$						96H1
w_2	0.248	0.500	0.759			
$\eta /(\text{mPa s})$	0.1287	0.1204	0.1167			
$T / ^\circ\text{C} = 40.0$						96H1
w_2	0.000	0.248	0.500	0.759	1.000	
$\eta /(\text{mPa s})$	0.1121	0.1038	0.0977	0.0933	0.0894	
$T / ^\circ\text{C} = 60.0$						96H1
w_2	0.000	0.248	0.500	0.759	1.000	
$\eta /(\text{mPa s})$	0.0790	0.0761	0.0748	0.0732	0.0728	
759	C_2HF_5 (1) $\text{C}_2\text{H}_4\text{F}_2$ (2)		1,1,2,2-pentafluoro-ethane 1,1-difluoro-ethane			354-33-6 75-37-6
$T / ^\circ\text{C} = -50.0$						96H1
w_2	0.000	0.248	0.504	0.758	1.000	
$\eta /(\text{mPa s})$	0.4035	0.4034	0.4024	0.4010	0.3998	
$T / ^\circ\text{C} = -30.0$						96H1
w_2	0.000	0.248	0.504	0.758	1.000	
$\eta /(\text{mPa s})$	0.2997	0.3041	0.3035	0.3030	0.3043	
$T / ^\circ\text{C} = -10.0$						96H1
w_2	0.000	0.248	0.504	0.758	1.000	
$\eta /(\text{mPa s})$	0.2339	0.2354	0.2357	0.2382	0.2372	
$T / ^\circ\text{C} = 10.0$						96H1
w_2	0.000	0.248	0.504	0.758	1.000	
$\eta /(\text{mPa s})$	0.1753	0.1803	0.1830	0.1880	0.1861	
$T / ^\circ\text{C} = 25.0$						96H1
w_2	0.248	0.504	0.758			
$\eta /(\text{mPa s})$	0.1447	0.1487	0.1533			
$T / ^\circ\text{C} = 40.0$						96H1
w_2	0.000	0.248	0.504	0.758	1.000	
$\eta /(\text{mPa s})$	0.1121	0.1172	0.1234	0.1300	0.1370	
$T / ^\circ\text{C} = 60.0$						96H1
w_2	0.000	0.248	0.504	0.758	1.000	
$\eta /(\text{mPa s})$	0.0790	0.0875	0.0949	0.1030	0.1100	
760	$\text{C}_2\text{H}_2\text{Br}_2$ (1) $\text{C}_6\text{H}_5\text{I}$ (2)		1,2-dibromo-ethene iodobenzene			540-49-8 591-50-4

$T/^\circ\text{C} = 20.0$							61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	1.640	1.592	1.572	1.586	1.639	1.729	
$T/^\circ\text{C} = 40.0$							61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	1.223	1.199	1.185	1.190	1.217	1.278	
$T/^\circ\text{C} = 60.0$							61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	0.972	0.958	0.951	0.953	0.973	1.013	
761	$\text{C}_2\text{H}_2\text{Br}_2$ (1) $\text{C}_8\text{H}_8\text{O}$ (2)	1,2-dibromo-ethene 1-phenyl-ethanone					540-49-8 98-86-2
$T/^\circ\text{C} = 20.0$							61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	1.830	1.745	1.705	1.699	1.709	1.729	
$T/^\circ\text{C} = 40.0$							61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	1.253	1.255	1.258	1.262	1.268	1.278	
$T/^\circ\text{C} = 60.0$							61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	0.952	0.953	0.958	0.968	0.985	1.013	
762	$\text{C}_2\text{H}_2\text{Br}_2$ (1) $\text{C}_8\text{H}_{11}\text{N}$ (2)	1,2-dibromo-ethene N,N-dimethyl-aniline					540-49-8 121-69-7
$T/^\circ\text{C} = 20.0$							61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	1.415	1.405	1.416	1.453	1.541	1.729	
$T/^\circ\text{C} = 40.0$							61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	1.021	1.027	1.048	1.086	1.150	1.278	
$T/^\circ\text{C} = 60.0$							61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	0.799	0.800	0.815	0.848	0.908	1.013	
763	$\text{C}_2\text{H}_2\text{Br}_4$ (1) $\text{C}_{12}\text{H}_{25}\text{Br}$ (2)	1,1,2,2-tetrabromo-ethane 1-bromo-dodecane					79-27-6 143-15-7
$T/^\circ\text{C} = 24.93$							69C1
x_2	0.00000	0.15858	0.30035	0.44932	0.61675	0.77725	1.00000

η /(mPa s)	9.867	7.196	5.936	5.091	4.392	3.877	3.373		
T /°C = 29.95									69C1
x_2	0.00000	0.13762	0.28551	0.42554	0.65413	0.77735	1.00000		
η /(mPa s)	8.414	6.506	5.399	4.580	3.787	3.437	3.024		
T /°C = 34.96									69C1
x_2	0.00000	0.13631	0.28903	0.44148	0.62149	0.75955	1.00000		
η /(mPa s)	7.313	5.669	4.673	4.027	3.498	3.147	2.689		
T /°C = 39.96									69C1
x_2	0.00000	0.14555	0.29244	0.42859	0.63396	0.78200	1.00000		
η /(mPa s)	6.406	5.011	4.238	3.667	3.093	2.781	2.437		
764	C₂H₂Br₄ (1) C₂₀H₄₀O₂ (2)		1,1,2,2-tetrabromo-ethane octadecanoic acid ethyl ester						79-27-6 111-61-5
T /°C = 40.0									61T2
x_2	0.0	0.25	0.50	0.75	1.00				
η /(mPa s)	6.36	6.74	6.52	6.00	5.34				
T /°C = 60.0									61T2
x_2	0.0	0.25	0.50	0.75	1.00				
η /(mPa s)	4.15	4.30	4.10	3.76	3.45				
765	C₂H₂Cl₂O₂ (1) C₂H₄O₂ (2)		dichloroacetic acid acetic acid						79-43-6 64-19-7
T /°C = 25.0									67F2
x_1	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60
η /(mPa s)	1.129	1.582	2.165	2.715	3.245	3.534	3.855	4.215	4.583
x_1	0.70	0.80	0.90	1.00					
η /(mPa s)	5.137	5.715	6.118	6.50					
T /°C = 50.0									67F2
x_1	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60
η /(mPa s)	0.790	1.017	1.272	1.535	1.827	1.967	2.121	2.273	2.420
x_1	0.70	0.80	0.90	1.00					
η /(mPa s)	2.658	2.863	3.050	3.230					
766	C₂H₂Cl₂O₂ (1) C₂H₅NO (2)		dichloroacetic acid acetamide						79-43-6 60-35-5
T /°C = 25.0									55T2
x_2	0.0000	0.0998	0.1992	0.2981	0.3468	0.3981	0.4521	0.4937	0.6002
η /(mPa s)	6.50	11.84	20.35	28.69	30.93	32.26	30.87	30.37	29.55

x_2	0.6226	1.0000							
η /(mPa s)	29.00	27.2							
$T/^\circ\text{C} = 40.0$									
x_2	0.0000	0.0998	0.1992	0.2981	0.3468	0.3981	0.4521	0.4937	0.6002
η /(mPa s)	4.35	7.09	10.87	14.31	15.19	15.45	15.15	14.88	14.17
x_2	0.6226	1.0000							
η /(mPa s)	13.72	12.7							
767	C₂H₂Cl₄ (1) C₂H₃N (2)	1,1,2,2-tetrachloro-ethane acetonitrile							79-34-5 75-05-8
$T/\text{K} = 303.15$									
x_2	0.0000	0.1125	0.2007	0.2582	0.3568	0.4174	0.4937	0.5964	0.6989
η /(mPa s)	1.4554	1.3810	1.3149	1.2660	1.1699	1.1035	1.0121	0.8767	0.7317
x_2	0.8504	0.9233	1.0000						
η /(mPa s)	0.5162	0.4184	0.3246						
768	C₂H₂Cl₄ (1) C₂H₆O (2)	1,1,2,2-tetrachloro-ethane ethanol							79-34-5 64-17-5
$T/\text{K} = 303.15$									
x_2	0.0000	0.1670	0.3109	0.4362	0.5461	0.6435	0.7303	0.8081	0.8783
η /(mPa s)	1.450	1.369	1.324	1.257	1.210	1.166	1.120	1.095	1.047
x_2	0.9420	1.0000							
η /(mPa s)	1.026	1.004							
$T/\text{K} = 313.15$									
x_2	0.0000	0.1670	0.3109	0.4362	0.5461	0.6435	0.7303	0.8081	0.8783
η /(mPa s)	1.367	1.240	1.160	1.107	1.049	1.007	0.965	0.934	0.903
x_2	0.9420	1.0000							
η /(mPa s)	0.868	0.835							
$T/\text{K} = 323.15$									
x_2	0.0000	0.1670	0.3109	0.4362	0.5461	0.6435	0.7303	0.8081	0.8783
η /(mPa s)	1.180	1.121	1.068	0.961	0.910	0.869	0.819	0.795	0.787
x_2	0.9420	1.0000							
η /(mPa s)	0.732	0.702							
$T/\text{K} = 333.15$									
x_2	0.0000	0.1670	0.3109	0.4362	0.5461	0.6435	0.7303	0.8081	0.8783
η /(mPa s)	1.028	0.955	0.886	0.820	0.764	0.725	0.687	0.673	0.640
x_2	0.9420	1.0000							
η /(mPa s)	0.622	0.592							

769	C₂H₂Cl₄ (1) C₃H₆O (2)	1,1,2,2-tetrachloro-ethane propan-2-one							79-34-5 67-64-1
<i>T</i> /K = 303.15									92P1
<i>x</i> ₁	0.0000	0.0195	0.1196	0.1540	0.1846	0.2224	0.3046	0.3254	0.3540
<i>η</i> /(mPa s)	0.295	0.312	0.408	0.444	0.477	0.518	0.621	0.648	0.684
<i>x</i> ₁	0.4475	0.5577	0.5836	0.6061	0.7600	0.8211	0.9351	1.0000	
<i>η</i> /(mPa s)	0.838	0.990	1.020	1.051	1.234	1.296	1.411	1.462	
<i>T</i> /K = 303.15									86N1
<i>x</i> ₁	0.0000	0.0195	0.1196	0.1540	0.1846	0.2224	0.3046	0.3254	0.3540
<i>η</i> /(mPa s)	0.295	0.312	0.408	0.444	0.477	0.518	0.621	0.648	0.684
<i>x</i> ₁	0.4475	0.5577	0.5836	0.6061	0.7600	0.8211	0.9351	1.0000	
<i>η</i> /(mPa s)	0.838	0.990	1.020	1.051	1.234	1.296	1.411	1.462	
<i>T</i> /°C = 25.0									66F1
<i>x</i> ₁	0.00	0.20	0.40	0.60	0.80	1.00			
<i>η</i> /(mPa s)	0.302	0.509	0.811	1.138	1.499	1.632			
<i>T</i> /°C = 0.0									15S2
<i>x</i> ₂	0.0000	0.1592	0.5087	0.7308	0.8136	0.9728	1.0000		
<i>η</i> /(mPa s)	2.77	2.28	1.24	0.860	0.695	0.436	0.400		
770	C₂H₂Cl₄ (1) C₄H₈O (2)	1,1,2,2-tetrachloro-ethane tetrahydro-furan							79-34-5 109-99-9
<i>T</i> /K = 303.15									96K3
<i>x</i> ₂	0.0000	0.0912	0.1846	0.2753	0.3389	0.4617	0.5426	0.6763	0.7791
<i>η</i> /(mPa s)	1.4554	1.4033	1.3473	1.2832	1.2301	1.1077	1.0145	0.8466	0.7155
<i>x</i> ₂	0.8994	0.9513	1.0000						
<i>η</i> /(mPa s)	0.5718	0.5150	0.4656						
771	C₂H₂Cl₄ (1) C₄H₈O₂ (2)	1,1,2,2-tetrachloro-ethane 1,4-dioxane							79-34-5 123-91-1
<i>T</i> /K = 303.15									94K7
<i>x</i> ₂	0.0000	0.0869	0.1835	0.2833	0.3491	0.4610	0.5705	0.6587	0.7613
<i>η</i> /(mPa s)	1.4554	1.4406	1.4189	1.3925	1.3721	1.3314	1.2867	1.2448	1.1976
<i>x</i> ₂	0.8189	0.9080	1.0000						
<i>η</i> /(mPa s)	1.1692	1.1276	1.0863						
<i>T</i> /K = 303.15									92O5
<i>x</i> ₂	0.0000	0.0967	0.1938	0.2925	0.3925	0.4926	0.5951	0.6928	0.7950
<i>η</i> /(mPa s)	1.459	1.633	1.742	1.801	1.818	1.761	1.661	1.528	1.397

x_2	0.8962	1.0000
η /(mPa s)	1.245	1.090

772	C₂H₂Cl₄ (1) C₄H₈O₂ (2)	1,1,2,2-tetrachloro-ethane propionic acid methyl ester	79-34-5 554-12-1
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$T/K = 308.15$									99S1
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x_2	0.0000	0.0503	0.1021	0.2031	0.3020	0.3398	0.5038	0.6012	0.6946
η /(mPa s)	1.406	1.352	1.296	1.186	1.078	1.037	0.865	0.769	0.681

x_2	0.7988	0.9016	0.9481	1.0000
η /(mPa s)	0.591	0.509	0.474	0.437

$T/K = 318.15$									99S1
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x_2	0.0000	0.0503	0.1021	0.2031	0.3020	0.3398	0.5038	0.6012	0.6946
η /(mPa s)	1.279	1.214	1.149	1.032	0.927	0.889	0.741	0.664	0.597

x_2	0.7988	0.9016	0.9481	1.0000
η /(mPa s)	0.528	0.468	0.443	0.416

773	C₂H₂Cl₄ (1) C₄H₁₀O (2)	1,1,2,2-tetrachloro-ethane ethoxy-ethane	79-34-5 60-29-7
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$T/^\circ\text{C} = 0.0$									15S2
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x_1	0.0000	0.0599	0.1732	0.3019	0.5201	0.7855	1.0000
η /(mPa s)	0.288	0.337	0.503	0.677	1.130	1.842	2.770

774	C₂H₂Cl₄ (1) C₅H₁₀O₂ (2)	1,1,2,2-tetrachloro-ethane propionic acid ethyl ester	79-34-5 105-37-3
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$T/K = 308.15$									99S1
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x_2	0.0000	0.0486	0.0999	0.2025	0.2997	0.3983	0.5003	0.5986	0.7023
η /(mPa s)	1.406	1.333	1.261	1.127	1.013	0.922	0.817	0.814	0.617

x_2	0.8010	0.9018	0.9510	1.0000
η /(mPa s)	0.583	0.521	0.493	0.467

$T/K = 318.15$									99S1
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x_2	0.0000	0.0486	0.0999	0.2025	0.2997	0.3983	0.5003	0.5986	0.7023
η /(mPa s)	1.279	1.203	1.128	0.996	0.888	0.794	0.710	0.640	0.576

x_2	0.8010	0.9018	0.9510	1.0000
η /(mPa s)	0.523	0.476	0.455	0.436

775	C₂H₂Cl₄ (1) C₆H₅NO₂ (2)	1,1,2,2-tetrachloro-ethane nitrobenzene	79-34-5 98-95-3
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$T/^\circ\text{C} = 5.0$									11D1
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w_2	0.0000	0.1000	0.3005	0.4833	0.6926	0.8964	1.0000		
$\eta /(\text{mPa s})$	2.294	2.538	2.919	3.000	2.909	2.781	2.696		
$T/^\circ\text{C} = 76.5$									11D1
w_2	0.0000	0.1000	0.3005	0.4833	0.6926	1.0000			
$\eta /(\text{mPa s})$	0.775	0.824	0.854	0.894	0.881	0.855			
776	$\text{C}_2\text{H}_2\text{Cl}_4$ (1)		1,1,2,2-tetrachloro-ethane						79-34-5
	C_6H_6 (2)		benzene						71-43-2
$T/\text{K} = 303.15$									92P1
x_1	0.0000	0.0868	0.1141	0.4009	0.4528	0.5523	0.5864	0.6031	0.7147
$\eta /(\text{mPa s})$	0.562	0.611	0.628	0.835	0.885	0.984	1.019	1.035	1.155
x_1	0.7611	0.8786	1.0000						
$\eta /(\text{mPa s})$	1.205	1.335	1.462						
$T/\text{K} = 303.15$									86N1
x_1	0.0000	0.0868	0.1141	0.4009	0.4528	0.5523	0.5864	0.6031	0.7147
$\eta /(\text{mPa s})$	0.562	0.611	0.628	0.835	0.885	0.984	1.019	1.035	1.155
x_1	0.7611	0.8786	1.0000						
$\eta /(\text{mPa s})$	1.205	1.335	1.462						
777	$\text{C}_2\text{H}_2\text{Cl}_4$ (1)		1,1,2,2-tetrachloro-ethane						79-34-5
	C_6H_{12} (2)		cyclohexane						110-82-7
$T/\text{K} = 303.15$									92P1
x_1	0.0000	0.1538	0.1743	0.4026	0.5025	0.6076	0.6593	0.7435	1.0000
$\eta /(\text{mPa s})$	0.820	0.867	0.871	0.969	1.027	1.097	1.145	1.213	1.462
$T/\text{K} = 303.15$									86N1
x_1	0.0000	0.1538	0.1743	0.4026	0.5025	0.6076	0.6593	0.7435	1.0000
$\eta /(\text{mPa s})$	0.820	0.867	0.871	0.969	1.027	1.097	1.145	1.213	1.462
778	$\text{C}_2\text{H}_2\text{Cl}_4$ (1)		1,1,2,2-tetrachloro-ethane						79-34-5
	$\text{C}_6\text{H}_{12}\text{O}_2$ (2)		butyric acid ethyl ester						105-54-4
$T/\text{K} = 308.15$									99S1
x_2	0.0000	0.0447	0.1018	0.2004	0.2603	0.3965	0.4979	0.6073	0.6955
$\eta /(\text{mPa s})$	1.406	1.326	1.243	1.110	1.040	0.906	0.824	0.753	0.701
x_2	0.8023	0.9007	0.9705	1.0000					
$\eta /(\text{mPa s})$	0.649	0.610	0.585	0.576					
$T/\text{K} = 318.15$									99S1
x_2	0.0000	0.0447	0.1018	0.2004	0.2603	0.3965	0.4979	0.6073	0.6955
$\eta /(\text{mPa s})$	1.279	1.209	1.135	1.019	0.957	0.837	0.764	0.699	0.652

x_2	0.8023	0.9007	0.9705	1.0000					
η /(mPa s)	0.605	0.569	0.547	0.538					
779	C₂H₂Cl₄ (1) C₇H₈ (2)		1,1,2,2-tetrachloro-ethane toluene						79-34-5 108-88-3
$T/K = 303.15$									92P1
x_1	0.0000	0.1048	0.2308	0.3042	0.3575	0.4314	0.5203	0.6912	0.7697
η /(mPa s)	0.520	0.581	0.667	0.725	0.771	0.836	0.919	1.111	1.198
x_1	0.8022	0.9088	1.0000						
η /(mPa s)	1.239	1.365	1.462						
$T/K = 303.15$									86N1
x_1	0.0000	0.1048	0.2308	0.3042	0.3575	0.4314	0.5203	0.6912	0.7697
η /(mPa s)	0.520	0.581	0.667	0.725	0.771	0.836	0.919	1.111	1.198
x_1	0.8022	0.9088	1.0000						
η /(mPa s)	1.239	1.365	1.462						
780	C₂H₂Cl₄ (1) C₇H₉N (2)		1,1,2,2-tetrachloro-ethane N-methyl-aniline						79-34-5 100-61-8
$T/^\circ\text{C} = 30.0$									89A1
x_2	0.0000	0.1012	0.1991	0.3016	0.4007	0.5004	0.6007	0.7017	0.7992
η /(mPa s)	1.381	1.439	1.490	1.541	1.590	1.633	1.660	1.686	1.707
x_2	0.9013	1.0000							
η /(mPa s)	1.730	1.751							
781	C₂H₂Cl₄ (1) C₇H₁₆O (2)		1,1,2,2-tetrachloro-ethane heptan-1-ol						79-34-5 111-70-6
$T/K = 303.15$									89A3
x_2	0.0000	0.1082	0.2331	0.3041	0.3446	0.4479	0.5205	0.6548	0.7810
η /(mPa s)	1.459	1.677	1.902	2.042	2.126	2.367	2.568	3.047	3.616
x_2	0.8562	0.9304	1.0000						
η /(mPa s)	4.014	4.446	4.862						
782	C₂H₂Cl₄ (1) C₈H₁₀ (2)		1,1,2,2-tetrachloro-ethane 1,4-dimethyl-benzene						79-34-5 106-42-3
$T/K = 303.15$									92P1
x_1	0.0000	0.1165	0.1445	0.2343	0.3006	0.3299	0.4021	0.4518	0.4839
η /(mPa s)	0.565	0.633	0.653	0.714	0.769	0.788	0.851	0.897	0.927
x_1	0.5523	0.6210	0.7019	0.7512	1.0000				

η /(mPa s)	0.993	1.064	1.145	1.200	1.462				
T /K = 303.15									86N1
x_1	0.0000	0.1165	0.1445	0.2343	0.3006	0.3299	0.4021	0.4518	0.4839
η /(mPa s)	0.565	0.633	0.653	0.714	0.769	0.788	0.851	0.897	0.927
x_1	0.5523	0.6210	0.7019	0.7512	1.0000				
η /(mPa s)	0.993	1.064	1.145	1.200	1.462				
783	C₂H₂Cl₄ (1) C₈H₁₀O (2)		1,1,2,2-tetrachloro-ethane ethoxybenzene						79-34-5 103-73-1
T /°C = 0.0									15S2
x_2	0.0000	0.2176	0.5167	0.6280	0.7837	1.0000			
η /(mPa s)	2.77	2.55	2.41	2.27	2.10	1.883			
784	C₂H₂F₄ (1) C₂H₃F₃ (2)		1,1,1,2-tetrafluoro-ethane 1,1,1-trifluoro-ethane						811-97-2 420-46-2
T /°C = -50.0									96H1
w_2	0.000	0.257	0.500	0.753	1.000				
η /(mPa s)	0.5441	0.4643	0.3904	0.3385	0.2953				
T /°C = -30.0									96H1
w_2	0.000	0.257	0.500	0.753	1.000				
η /(mPa s)	0.4045	0.3451	0.2941	0.2586	0.2282				
T /°C = -10.0									96H1
w_2	0.000	0.257	0.500	0.753	1.000				
η /(mPa s)	0.3106	0.2618	0.2288	0.2001	0.1784				
T /°C = 10.0									96H1
w_2	0.000	0.257	0.500	0.753	1.000				
η /(mPa s)	0.2394	0.2022	0.1769	0.1535	0.1342				
T /°C = 25.0									96H1
w_2	0.257	0.500	0.753						
η /(mPa s)	0.1691	0.1446	0.1257						
T /°C = 40.0									96H1
w_2	0.000	0.257	0.500	0.753	1.000				
η /(mPa s)	0.1611	0.1356	0.1192	0.1046	0.0894				
T /°C = 60.0									96H1
w_2	0.000	0.257	0.500	0.753	1.000				
η /(mPa s)	0.1248	0.1038	0.0899	0.0793	0.0728				
785	C₂H₂F₄ (1)		1,1,1,2-tetrafluoro-ethane						811-97-2

	C₂H₄F₂ (2)		1,1-difluoro-ethane			75-37-6
$T/^\circ\text{C} = -50.0$						96H1
w_2	0.000	0.259	0.500	0.750	1.000	
$\eta/(\text{mPa s})$	0.5441	0.4929	0.4550	0.4255	0.3998	
$T/^\circ\text{C} = -30.0$						96H1
w_2	0.000	0.259	0.500	0.750	1.000	
$\eta/(\text{mPa s})$	0.4045	0.3624	0.3391	0.3202	0.3043	
$T/^\circ\text{C} = -10.0$						96H1
w_2	0.000	0.259	0.500	0.750	1.000	
$\eta/(\text{mPa s})$	0.3106	0.2828	0.2649	0.2485	0.2372	
$T/^\circ\text{C} = 10.0$						96H1
w_2	0.000	0.259	0.500	0.750	1.000	
$\eta/(\text{mPa s})$	0.2394	0.2191	0.2031	0.1961	0.1861	
$T/^\circ\text{C} = 25.0$						96H1
w_2	0.259	0.500	0.750			
$\eta/(\text{mPa s})$	0.1801	0.1772	0.1647			
$T/^\circ\text{C} = 40.0$						96H1
w_2	0.000	0.259	0.500	0.750	1.000	
$\eta/(\text{mPa s})$	0.1611	0.1504	0.1444	0.1397	0.1370	
$T/^\circ\text{C} = 60.0$						96H1
w_2	0.000	0.259	0.500	0.750	1.000	
$\eta/(\text{mPa s})$	0.1248	0.1176	0.1141	0.1102	0.1100	
786	C₂H₂F₄ (1)	1,1,1,2-tetrafluoro-ethane				811-97-2
	C₂H₆O₂ (2)	ethane-1,2-diol				107-21-1
$T/\text{K} = 273.15$						94K9
x_2	0.000	0.968	0.998	1.000		
$\eta/(\text{mPa s})$	0.2728	55.1	57.2	58.8		
$T/\text{K} = 293.15$						94K9
x_2	0.000	0.941	0.969	0.986	1.000	
$\eta/(\text{mPa s})$	0.2139	19.2	20.2	20.6	20.9	
$T/\text{K} = 313.15$						94K9
x_2	0.000	0.944	0.972	0.987	1.000	
$\eta/(\text{mPa s})$	0.1697	8.81	9.15	9.31	9.39	
$T/\text{K} = 333.15$						94K9
x_2	0.000	0.955	0.972	0.987	1.000	
$\eta/(\text{mPa s})$	0.1354	4.69	4.77	4.85	4.84	
$T/\text{K} = 273.15$						93K3

x_2	0.000	0.964	0.974	1.000		
η /(mPa s)	0.2728	50.4	52.8	55.9		
T /K = 293.15						93K3
x_2	0.000	0.948	0.964	0.974	1.000	
η /(mPa s)	0.2139	16.9	17.1	17.9	19.2	
T /K = 313.15						93K3
x_2	0.000	0.949	0.965	0.975	1.000	
η /(mPa s)	0.1697	7.76	7.91	7.86	8.45	
T /K = 333.15						93K3
x_2	0.000	0.950	0.966	0.976	1.000	
η /(mPa s)	0.1354	4.33	4.32	4.39	4.75	
787	C₂H₂F₄ (1)		1,1,1,2-tetrafluoro-ethane			811-97-2
	C₄H₁₀O₃ (2)		2-(2-hydroxy-ethoxy)-ethanol			111-46-6
T /K = 273.15						94K9
x_2	0.000	0.852	0.921	1.000		
η /(mPa s)	0.2728	59.2	84.3	123.0		
T /K = 293.15						94K9
x_2	0.000	0.856	0.924	1.000		
η /(mPa s)	0.2139	20.9	27.7	36.2		
T /K = 313.15						94K9
x_2	0.000	0.864	0.922	1.000		
η /(mPa s)	0.1697	9.89	11.8	14.7		
T /K = 333.15						94K9
x_2	0.000	0.846	0.895	1.000		
η /(mPa s)	0.1354	5.46	6.29	7.38		
T /K = 273.15						93K3
x_2	0.000	0.787	0.964	0.974	1.000	
η /(mPa s)	0.2728	35.1	50.0	67.9	117.8	
T /K = 293.15						93K3
x_2	0.000	0.788	0.814	0.844	0.892	1.000
η /(mPa s)	0.2139	12.4	14.3	16.7	21.0	33.6
T /K = 313.15						93K3
x_2	0.000	0.816	0.845	0.893	1.000	
η /(mPa s)	0.1697	6.78	7.29	8.26	12.8	
T /K = 333.15						93K3
x_2	0.000	0.817	0.846	0.895	1.000	
η /(mPa s)	0.1354	3.92	4.14	4.27	6.02	

788	C₂H₂F₄ (1)	C₆H₁₄O₄ (2)	1,1,1,2-tetrafluoro-ethane 2-[2-(2-hydroxy-ethoxy)-ethoxy]-ethanol			811-97-2 112-27-6
<i>T</i> /K = 273.15						94K9
<i>x</i> ₂	0.000	0.718	0.814	0.935	1.000	
<i>η</i> /(mPa s)	0.2728	34.6	63.5	127.7	171.4	
<i>T</i> /K = 293.15						94K9
<i>x</i> ₂	0.000	0.723	0.821	0.937	1.000	
<i>η</i> /(mPa s)	0.2139	14.2	22.9	37.5	48.4	
<i>T</i> /K = 313.15						94K9
<i>x</i> ₂	0.000	0.737	0.835	0.916	1.000	
<i>η</i> /(mPa s)	0.1697	7.44	11.0	14.4	19.2	
<i>T</i> /K = 333.15						94K9
<i>x</i> ₂	0.000	0.750	0.849	0.904	1.000	
<i>η</i> /(mPa s)	0.1354	4.67	6.33	7.54	9.40	
<i>T</i> /K = 273.15						93K3
<i>x</i> ₂	0.000	0.731	0.789	0.901	1.000	
<i>η</i> /(mPa s)	0.2728	32.1	47.3	98.1	164.0	
<i>T</i> /K = 293.15						93K3
<i>x</i> ₂	0.000	0.732	0.790	0.901	1.000	
<i>η</i> /(mPa s)	0.2139	11.3	15.8	28.9	46.1	
<i>T</i> /K = 313.15						93K3
<i>x</i> ₂	0.000	0.733	0.791	0.903	1.000	
<i>η</i> /(mPa s)	0.1697	5.52	7.14	11.2	17.4	
<i>T</i> /K = 333.15						93K3
<i>x</i> ₂	0.000	0.792	0.904	1.000		
<i>η</i> /(mPa s)	0.1354	3.77	5.71	9.09		
789	C₂H₂F₄ (1)	C₈H₁₈O₅ (2)	1,1,1,2-tetrafluoro-ethane 3,6,9-trioxa-undecan-1,11-diol			811-97-2 112-60-7
<i>T</i> /K = 273.15						94K9
<i>x</i> ₂	0.000	0.807	0.932	1.000		
<i>η</i> /(mPa s)	0.2728	66.3	146.8	215.0		
<i>T</i> /K = 293.15						94K9
<i>x</i> ₂	0.000	0.811	0.934	1.000		
<i>η</i> /(mPa s)	0.2139	22.7	42.5	58.4		
<i>T</i> /K = 313.15						94K9

x_2	0.000	0.823	0.938	1.000						
η /(mPa s)	0.1697	10.8	17.6	22.7						
T /K = 333.15										94K9
x_2	0.000	0.832	0.941	1.000						
η /(mPa s)	0.1354	6.13	8.97	11.0						
T /K = 273.15										93K3
x_2	0.000	0.697	0.818	0.887	1.000					
η /(mPa s)	0.2728	27.1	70.1	109.0	208.8					
T /K = 293.15										93K3
x_2	0.000	0.698	0.820	0.888	1.000					
η /(mPa s)	0.2139	9.94	21.1	32.9	57.4					
T /K = 313.15										93K3
x_2	0.000	0.700	0.821	0.889	1.000					
η /(mPa s)	0.1697	4.99	9.21	13.5	22.8					
T /K = 333.15										93K3
x_2	0.000	0.702	0.823	0.890	1.000					
η /(mPa s)	0.1354	2.96	4.96	6.89	11.8					
790	C₂H₃ClO₂ (1)	C₂H₄O₂ (2)	chloroacetic acid acetic acid							79-11-8 64-19-7
T /°C = 25.0										67F2
x_1	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60	
η /(mPa s)	1.129	1.392	1.715	2.105	2.512	2.542	3.025	3.313	3.615	
x_1	0.70	0.80								
η /(mPa s)	4.192	4.895								
T /°C = 50.0										67F2
x_1	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60	
η /(mPa s)	0.790	0.913	1.078	1.265	1.468	1.594	1.692	1.798	1.935	
x_1	0.70	0.80	0.90	1.00						
η /(mPa s)	2.196	2.480	2.748	3.150						
T /°C = 40.0										49N1
x_2	0.0000	0.0906	0.1336	0.1803	0.3107	0.3702	0.4471	0.4708	0.5028	
η /(mPa s)	3.807	3.787	3.627	3.548	2.807	2.765	2.432	2.413	2.051	
x_2	0.5744	0.6587	0.7459	0.7610	0.8371	0.9208	1.0000			
η /(mPa s)	1.723	1.604	1.436	1.409	1.159	0.994	0.870			
T /°C = 60.0										49N1
x_2	0.0000	0.0906	0.1336	0.1803	0.2668	0.3702	0.4471	0.4708	0.5028	
η /(mPa s)	2.375	2.276	2.210	2.200	1.958	1.792	1.617	1.512	1.447	

x_2	0.5744	0.6587	0.7459	0.7610	0.8371	0.9208	1.0000		
η /(mPa s)	1.264	1.104	1.008	0.987	0.806	0.762	0.630		
T /°C = 75.0									49N1
x_2	0.0000	0.0906	0.1336	0.1803	0.2668	0.3702	0.4471	0.4708	0.5028
η /(mPa s)	1.636	1.630	1.543	1.530	1.500	1.405	1.284	1.221	1.108
x_2	0.5744	0.6587	0.7459	0.7610	0.8371	0.9208	1.0000		
η /(mPa s)	1.057	0.916	0.799	0.758	0.699	0.608	0.536		
791	C₂H₃ClO₂ (1)		chloroacetic acid						79-11-8
	C₂H₅NO (2)		acetamide						60-35-5
T /°C = 70.0									56B3
x_2	0.30	0.35	0.40	0.42	0.45	0.48	0.50	0.52	0.55
η /(mPa s)	1.95	1.98	2.00	2.02	2.01	2.01	2.00	1.99	1.99
x_2	0.60	0.65	0.70						
η /(mPa s)	1.97	1.95	1.92						
T /°C = 90.0									56B3
x_2	0.30	0.35	0.40	0.42	0.48	0.50	0.52	0.55	0.60
η /(mPa s)	1.17	1.18	1.19	1.19	1.18	1.18	1.18	1.17	1.16
x_2	0.65	0.70							
η /(mPa s)	1.15	1.13							
792	C₂H₃ClO₂ (1)		chloroacetic acid						79-11-8
	C₃H₆O (2)		propan-2-one						67-64-1
T /°C = 20.0									58B3
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60		
η /(mPa s)	0.44	0.55	0.70	0.92	1.21	1.68	2.16		
T /°C = 30.0									58B3
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60		
η /(mPa s)	0.39	0.48	0.61	0.77	0.99	1.33	1.76		
T /°C = 40.0									58B3
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	
η /(mPa s)	0.35	0.48	0.52	0.65	0.83	1.05	1.38	1.85	
T /°C = 25.0									39U1
x_1	0.0000	0.1359	0.1855	0.2889	0.3786	0.4791			
η /(mPa s)	0.3172	0.4351	0.5339	0.7329	0.9727	1.3446			
T /°C = 35.0									39U1
x_1	0.0000	0.1359	0.1855	0.2889	0.3786	0.4791	0.6971		
η /(mPa s)	0.2907	0.3940	0.4777	0.6435	0.8439	1.1310	2.1665		

$T/^\circ\text{C} = 50.0$										39U1
x_1	0.0000	0.1359	0.1855	0.2889	0.3786	0.4791	0.6971	0.8145		
$\eta/(\text{mPa s})$	0.2547	0.3409	0.4134	0.5393	0.6876	0.9042	1.5997	2.1232		
793	$\text{C}_2\text{H}_3\text{ClO}_2$ (1)		chloroacetic acid							79-11-8
	$\text{C}_6\text{H}_6\text{O}$ (2)		phenol							108-95-2
$T/^\circ\text{C} = 50.0$										58B2
x_2	0.30	0.40	0.50	0.60	0.70					
$\eta/(\text{mPa s})$	2.63	2.66	2.74	2.84	2.96					
$T/^\circ\text{C} = 70.0$										58B2
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70			
$\eta/(\text{mPa s})$	1.49	1.49	1.48	1.50	1.52	1.56	1.62			
$T/^\circ\text{C} = 90.0$										58B2
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70			
$\eta/(\text{mPa s})$	0.97	0.95	0.95	0.95	0.96	0.97	0.99			
$T/^\circ\text{C} = 50.0$										52U1
x_1	0.0000	0.0970	0.1784	0.2433	0.2963	0.3265	0.3940	0.4887	0.5950	
$\eta/(\text{mPa s})$	3.336	3.353	3.338	3.308	3.277	3.242	3.203	3.142	3.121	
x_1	0.6941	0.7300	0.8082	0.8872						
$\eta/(\text{mPa s})$	3.112	3.103	3.113	3.125						
$T/^\circ\text{C} = 60.0$										52U1
x_1	0.0000	0.0970	0.1784	0.2433	0.2963	0.3265	0.3940	0.4887	0.5950	
$\eta/(\text{mPa s})$	2.521	2.527	2.524	2.508	2.505	2.497	2.493	2.441	2.435	
x_1	0.6941	0.7300	0.8082	0.8872	1.0000					
$\eta/(\text{mPa s})$	2.431	2.427	2.428	2.436	2.442					
$T/^\circ\text{C} = 75.0$										52U1
x_1	0.0000	0.0970	0.1784	0.2433	0.2963	0.3265	0.3940	0.4887	0.5950	
$\eta/(\text{mPa s})$	1.742	1.763	1.768	1.771	1.768	1.765	1.761	1.762	1.782	
x_1	0.6941	0.7300	0.8082	0.8872	1.0000					
$\eta/(\text{mPa s})$	1.790	1.803	1.809	1.819	1.835					
794	$\text{C}_2\text{H}_3\text{Cl}_3$ (1)		1,1,1-trichloro-ethane							71-55-6
	$\text{C}_2\text{H}_3\text{N}$ (2)		acetonitrile							75-05-8
$T/\text{K} = 303.15$										88N2
x_2	0.0000	0.1263	0.2051	0.2652	0.3855	0.4780	0.6358	0.6802	0.7999	
$\eta/(\text{mPa s})$	0.7243	0.6581	0.6229	0.5971	0.5476	0.5114	0.4505	0.4339	0.3906	
x_2	0.8673	0.9074	1.0000							
$\eta/(\text{mPa s})$	0.3675	0.3539	0.3246							

795	C₂H₃Cl₃ (1) C₂H₆O (2)	1,1,1-trichloro-ethane ethanol							71-55-6 64-17-5
<i>T</i> /K = 303.15									90S5
<i>x</i> ₂	0.0000	0.1602	0.3002	0.4237	0.5336	0.6318	0.7202	0.8001	0.8728
<i>η</i> /(mPa s)	0.642	0.705	0.745	0.787	0.839	0.870	0.902	0.924	0.942
<i>x</i> ₂	0.9392	1.0000							
<i>η</i> /(mPa s)	0.984	1.004							
<i>T</i> /K = 313.15									90S5
<i>x</i> ₂	0.0000	0.1602	0.3002	0.4237	0.5336	0.6318	0.7202	0.8001	0.8728
<i>η</i> /(mPa s)	0.586	0.614	0.669	0.683	0.710	0.745	0.761	0.784	0.807
<i>x</i> ₂	0.9392	1.0000							
<i>η</i> /(mPa s)	0.819	0.835							
<i>T</i> /K = 323.15									90S5
<i>x</i> ₂	0.0000	0.1602	0.3002	0.4237	0.5336	0.6318	0.7202	0.8001	0.8728
<i>η</i> /(mPa s)	0.535	0.560	0.597	0.604	0.614	0.639	0.655	0.664	0.684
<i>x</i> ₂	0.9392	1.0000							
<i>η</i> /(mPa s)	0.692	0.702							
<i>T</i> /K = 333.15									90S5
<i>x</i> ₂	0.0000	0.1602	0.3002	0.4237	0.5336	0.6318	0.7202	0.8001	0.8728
<i>η</i> /(mPa s)	0.483	0.496	0.511	0.517	0.528	0.544	0.558	0.563	0.572
<i>x</i> ₂	0.9392	1.0000							
<i>η</i> /(mPa s)	0.589	0.592							
796	C₂H₃Cl₃ (1) C₃H₆O (2)	1,1,1-trichloro-ethane propan-2-one							71-55-6 67-64-1
<i>T</i> /K = 298.15									95L2
<i>x</i> ₁	0.000	0.102	0.200	0.302	0.401	0.501	0.549	0.551	0.601
<i>η</i> /(mPa s)	0.3049	0.3356	0.3677	0.4042	0.4432	0.4862	0.5085	0.5098	0.5341
<i>x</i> ₁	0.649	0.651	0.701	0.750	0.794	0.852	1.000		
<i>η</i> /(mPa s)	0.5591	0.5600	0.5875	0.6158	0.6443	0.6824	0.7923		
797	C₂H₃Cl₃ (1) C₃H₆O₂ (2)	1,1,1-trichloro-ethane acetic acid methyl ester							71-55-6 79-20-9
<i>T</i> /K = 298.15									95L2
<i>x</i> ₁	0.000	0.100	0.198	0.297	0.300	0.398	0.401	0.499	0.599
<i>η</i> /(mPa s)	0.3670	0.3907	0.4156	0.4438	0.4450	0.4763	0.4774	0.5130	0.5525
<i>x</i> ₁	0.699	0.799	0.901	1.000					
<i>η</i> /(mPa s)	0.6024	0.6574	0.7178	0.7938					

798	C₂H₃Cl₃ (1) C₃H₈O (2)	1,1,1-trichloro-ethane propan-1-ol							71-55-6 71-23-8
									91D1
	<i>T/K = 298.15</i>								
<i>x₁</i>	0.0000	0.0572	0.1154	0.1930	0.3007	0.3956	0.4900	0.6367	0.7983
<i>η/(mPa s)</i>	1.914	1.789	1.667	1.506	1.318	1.165	1.045	0.909	0.824
<i>x₁</i>	0.8861	1.0000							
<i>η/(mPa s)</i>	0.799	0.786							
799	C₂H₃Cl₃ (1) C₄H₈O (2)	1,1,1-trichloro-ethane butan-2-one							71-55-6 78-93-3
									95L2
	<i>T/K = 298.15</i>								
<i>x₁</i>	0.000	0.098	0.201	0.299	0.398	0.499	0.600	0.700	0.800
<i>η/(mPa s)</i>	0.3840	0.4094	0.4380	0.4678	0.5001	0.5361	0.5757	0.6196	0.6690
<i>x₁</i>	0.900	1.000							
<i>η/(mPa s)</i>	0.7256	0.7917							
800	C₂H₃Cl₃ (1) C₄H₈O (2)	1,1,1-trichloro-ethane tetrahydro-furan							71-55-6 109-99-9
									96K3
	<i>T/K = 303.15</i>								
<i>x₂</i>	0.0000	0.0731	0.1213	0.2262	0.3894	0.4716	0.5677	0.6475	0.7415
<i>η/(mPa s)</i>	0.7243	0.7289	0.7262	0.7112	0.6687	0.6424	0.6104	0.5834	0.5513
<i>x₂</i>	0.8139	0.8660	1.0000						
<i>η/(mPa s)</i>	0.5271	0.5100	0.4656						
801	C₂H₃Cl₃ (1) C₄H₈O₂ (2)	1,1,1-trichloro-ethane acetic acid ethyl ester							71-55-6 141-78-6
									95L2
	<i>T/K = 298.15</i>								
<i>x₁</i>	0.000	0.098	0.197	0.297	0.398	0.498	0.598	0.699	0.771
<i>η/(mPa s)</i>	0.4277	0.4485	0.4712	0.4964	0.5244	0.5554	0.5901	0.6295	0.6650
<i>x₁</i>	0.885	1.000							
<i>η/(mPa s)</i>	0.7192	0.7918							
802	C₂H₃Cl₃ (1) C₄H₈O₂ (2)	1,1,1-trichloro-ethane 1,4-dioxane							71-55-6 123-91-1
									95L2
	<i>T/K = 298.15</i>								
<i>x₁</i>	0.000	0.102	0.201	0.300	0.400	0.500	0.599	0.700	0.800
<i>η/(mPa s)</i>	1.1875	1.1406	1.0974	1.0567	1.0159	0.9762	0.9380	0.9003	0.8635

x_1	0.862	1.000							
$\eta /(\text{mPa s})$	0.8404	0.7917							
$T/\text{K} = 303.15$									94K7
x_2	0.0000	0.0725	0.1135	0.2041	0.3360	0.4193	0.5168	0.6428	0.7459
$\eta /(\text{mPa s})$	0.7243	0.7541	0.7710	0.8089	0.8625	0.8943	0.9291	0.9700	1.0015
x_2	0.8153	0.9277	1.0000						
$\eta /(\text{mPa s})$	1.0229	1.0595	1.0863						
803	C₂H₃Cl₃ (1) C₄H₁₀O (2)		1,1,1-trichloro-ethane butan-1-ol						71-55-6 71-36-3
$T/\text{K} = 298.15$									91D1
x_1	0.0000	0.1022	0.2068	0.3061	0.4067	0.5174	0.6050	0.6995	0.7924
$\eta /(\text{mPa s})$	2.563	2.187	1.872	1.611	1.372	1.164	1.042	0.936	0.855
x_1	0.9022	1.0000							
$\eta /(\text{mPa s})$	0.811	0.786							
804	C₂H₃Cl₃ (1) C₄H₁₀O (2)		1,1,1-trichloro-ethane butan-2-ol						71-55-6 78-92-2
$T/\text{K} = 298.15$									91D1
x_1	0.0000	0.0990	0.2079	0.2768	0.3656	0.5119	0.5786	0.6988	0.7800
$\eta /(\text{mPa s})$	3.032	2.210	1.726	1.460	1.225	1.008	0.940	0.850	0.808
x_1	0.8911	1.0000							
$\eta /(\text{mPa s})$	0.781	0.786							
805	C₂H₃Cl₃ (1) C₄H₁₀O₂ (2)		1,1,1-trichloro-ethane 1-methoxy-propan-2-ol						71-55-6 107-98-2
$T/\text{K} = 289.32$									96L3
x_1	0.000	0.098	0.196	0.297	0.397	0.498	0.599	0.700	0.826
$\eta /(\text{mPa s})$	2.0999	1.8817	1.6806	1.5005	1.3477	1.2145	1.1066	1.0124	0.9283
x_1	1.0000								
$\eta /(\text{mPa s})$	0.8988								
$T/\text{K} = 313.39$									96L3
x_1	0.000	0.103	0.205	0.303	0.403	0.503	0.601	0.701	0.826
$\eta /(\text{mPa s})$	1.1781	1.0738	0.9844	0.9070	0.8371	0.7735	0.7264	0.6845	0.6454
x_1	1.0000								
$\eta /(\text{mPa s})$	0.6410								
$T/\text{K} = 298.15$									95L2

x_1	0.000	0.101	0.200	0.300	0.400	0.501	0.601	0.700	0.720
η /(mPa s)	1.6714	1.5077	1.3618	1.2323	1.1190	1.0211	0.9385	0.8715	0.8596
x_1	0.837	0.908	1.000						
η /(mPa s)	0.8044	0.7850	0.7917						
T /K = 289.32									96L3
x_1	0.000	0.098	0.196	0.297	0.397	0.498	0.599	0.700	0.826
ν /(mm ² /s)	2.2692	1.9468	1.6687	1.4299	1.2358	1.0724	0.9420	0.8321	0.7312
x_1	1.0000								
ν /(mm ² /s)	0.6683								
T /K = 313.39									96L3
x_1	0.000	0.103	0.205	0.303	0.403	0.503	0.601	0.701	0.826
ν /(mm ² /s)	1.3060	1.1376	1.0005	0.8867	0.7880	0.7018	0.6356	0.5796	0.5243
x_1	1.0000								
ν /(mm ² /s)	0.4916								
806	C₂H₃Cl₃ (1) C₅H₁₀O (2)		1,1,1-trichloro-ethane 2-methyl-tetrahydro-furan						71-55-6 96-47-9
T /K = 289.32									96L3
x_1	0.000	0.104	0.200	0.302	0.402	0.502	0.602	0.701	0.861
η /(mPa s)	0.5218	0.5560	0.5876	0.6228	0.6589	0.6960	0.7338	0.7732	0.8375
x_1	1.0000								
η /(mPa s)	0.8988								
T /K = 313.39									96L3
x_1	0.000	0.099	0.181	0.297	0.398	0.498	0.598	0.699	0.836
η /(mPa s)	0.4054	0.4270	0.4452	0.4717	0.4951	0.5183	0.5419	0.5660	0.5991
x_1	1.0000								
η /(mPa s)	0.6407								
T /K = 298.15									95L2
x_1	0.000	0.099	0.200	0.299	0.398	0.500	0.600	0.700	0.800
η /(mPa s)	0.4753	0.5033	0.5324	0.5617	0.5917	0.6234	0.6550	0.6873	0.7209
x_1	0.869	1.000							
η /(mPa s)	0.7447	0.7917							
T /K = 289.32									96L3
x_1	0.000	0.104	0.200	0.302	0.402	0.502	0.602	0.701	0.861
ν /(mm ² /s)	0.6078	0.6109	0.6145	0.6192	0.6243	0.6300	0.6360	0.6431	0.6554
x_1	1.0000								
ν /(mm ² /s)	0.6683								
T /K = 313.39									96L3

x_1	0.000	0.099	0.181	0.297	0.398	0.498	0.598	0.699	0.836
$\nu /(\text{mm}^2/\text{s})$	0.4862	0.4847	0.4840	0.4838	0.4840	0.4845	0.4852	0.4862	0.4880
x_1	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.4916								
807	C₂H₃Cl₃ (1) C₅H₁₂O (2)		1,1,1-trichloro-ethane 3-methyl-butan-1-ol						71-55-6 123-51-3
$T/\text{K} = 298.15$									91D1
x_1	0.0000	0.1130	0.1681	0.3013	0.3885	0.5090	0.5929	0.6920	0.7926
$\eta /(\text{mPa s})$	3.888	3.084	2.720	2.010	1.663	1.339	1.169	1.035	0.913
x_1	0.8991	1.0000							
$\eta /(\text{mPa s})$	0.817	0.786							
808	C₂H₃Cl₃ (1) C₆H₆ (2)		1,1,1-trichloro-ethane benzene						71-55-6 71-43-2
$T/^\circ\text{C} = 25.0$									86P3
x_1	0.000	0.162	0.371	0.564	0.798	1.000			
$\eta /(\text{mPa s})$	0.7085	0.6419	0.6452	0.6424	0.6530	0.6762			
$T/^\circ\text{C} = 40.0$									86P3
x_1	0.000	0.200	0.396	0.593	0.783	1.000			
$\eta /(\text{mPa s})$	0.5342	0.4799	0.5205	0.5175	0.5452	0.5875			
$T/^\circ\text{C} = 55.0$									86P3
x_1	0.000	0.180	0.396	0.593	0.785	1.000			
$\eta /(\text{mPa s})$	0.4431	0.4087	0.4203	0.4455	0.4664	0.5140			
$T/^\circ\text{C} = 70.0$									86P3
x_1	0.000	0.180	0.396	0.593	0.785	1.000			
$\eta /(\text{mPa s})$	0.3560	0.3796	0.4096	0.4085	0.4370	0.4400			
809	C₂H₃Cl₃ (1) C₆H₁₀O (2)		1,1,1-trichloro-ethane cyclohexanone						71-55-6 108-94-1
$T/\text{K} = 298.15$									95L2
x_1	0.000	0.053	0.099	0.151	0.252	0.352	0.452	0.551	0.600
$\eta /(\text{mPa s})$	2.0027	1.8962	1.8118	1.7246	1.5679	1.4298	1.3049	1.1921	1.1407
x_1	0.651	0.700	0.800	0.861	1.000				
$\eta /(\text{mPa s})$	1.0885	1.0412	0.9504	0.8988	0.7912				
$T/\text{K} = 303.15$									98N1
x_2	0.0000	0.0513	0.0983	0.1480	0.2006	0.2354	0.2937	0.3335	0.3892
$\nu /(\text{mm}^2/\text{s})$	0.549	0.588	0.631	0.673	0.714	0.746	0.807	0.850	0.903

x_2	0.4371	0.4989	0.5609	0.6044	0.6561	0.7050	0.7546	0.8038	0.8574
$\nu /(\text{mm}^2/\text{s})$	0.960	1.040	1.125	1.186	1.260	1.339	1.429	1.512	1.622
x_2	0.9046	0.9519	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.715	1.820	1.925						
810	C₂H₃Cl₃ (1) C₆H₁₂ (2)		1,1,1-trichloro-ethane cyclohexane						71-55-6 110-82-7
$T/\text{K} = 298.15$									94L3
x_1	0.000	0.101	0.202	0.301	0.400	0.501	0.601	0.700	1.000
$\eta /(\text{mPa s})$	0.8852	0.8584	0.8323	0.8143	0.8007	0.7905	0.7839	0.7808	0.7917
811	C₂H₃Cl₃ (1) C₆H₁₂O (2)		1,1,1-trichloro-ethane 4-methyl-pentan-2-one						71-55-6 108-10-1
$T/\text{K} = 298.15$									90F1
x_2	0.0000	0.0803	0.1769	0.2653	0.3765	0.4692	0.5907	0.7245	0.8536
$\eta /(\text{mPa s})$	0.789	0.739	0.694	0.665	0.634	0.614	0.594	0.573	0.558
x_2	1.0000								
$\eta /(\text{mPa s})$	0.541								
812	C₂H₃Cl₃ (1) C₆H₁₄ (2)		1,1,1-trichloro-ethane hexane						71-55-6 110-54-3
$T/\text{K} = 298.15$									94L3
x_1	0.000	0.098	0.197	0.299	0.399	0.499	0.599	0.650	0.746
$\eta /(\text{mPa s})$	0.2965	0.3137	0.3346	0.3599	0.3896	0.4250	0.4679	0.4933	0.5501
x_1	0.750	0.850	0.906	1.000					
$\eta /(\text{mPa s})$	0.5529	0.6290	0.6810	0.7917					
813	C₂H₃Cl₃ (1) C₆H₁₄O (2)		1,1,1-trichloro-ethane hexan-1-ol						71-55-6 111-27-3
$T/\text{K} = 298.15$									95L2
x_1	0.000	0.101	0.200	0.301	0.402	0.502	0.601	0.701	0.800
$\eta /(\text{mPa s})$	4.4997	3.8239	3.1885	2.6311	2.1423	1.7438	1.4304	1.1883	1.0021
x_1	1.000								
$\eta /(\text{mPa s})$	0.7917								
814	C₂H₃Cl₃ (1) C₆H₁₄O (2)		1,1,1-trichloro-ethane 1-propoxy-propane						71-55-6 111-43-3
$T/\text{K} = 298.15$									95L2

x_1	0.000	0.101	0.198	0.299	0.398	0.500	0.601	0.700	0.800
η /(mPa s)	0.4024	0.4245	0.4478	0.4745	0.5036	0.5365	0.5733	0.6147	0.6632
x_1	0.850	1.000							
η /(mPa s)	0.6907	0.7917							
815	C₂H₃Cl₃ (1) C₇H₅Cl₃ (2)		1,1,1-trichloro-ethane trichloromethyl-benzene						71-55-6 98-07-7
T /K = 298.15									95L2
x_1	0.000	0.157	0.295	0.423	0.540	0.647	0.746	0.837	0.921
η /(mPa s)	2.1801	1.9304	1.7198	1.5325	1.3673	1.2222	1.0959	0.9829	0.8849
x_1	1.000								
η /(mPa s)	0.7956								
816	C₂H₃Cl₃ (1) C₇H₅F₃ (2)		1,1,1-trichloro-ethane trifluoromethyl-benzene						71-55-6 98-08-8
T /K = 289.32									96L3
x_1	0.000	0.100	0.197	0.297	0.396	0.498	0.599	0.699	0.850
η /(mPa s)	0.6082	0.6187	0.6306	0.6456	0.6634	0.6854	0.7119	0.7444	0.8081
x_1	1.0000								
η /(mPa s)	0.8988								
T /K = 313.39									96L3
x_1	0.000	0.103	0.202	0.304	0.405	0.503	0.601	0.700	0.864
η /(mPa s)	0.4663	0.4735	0.4815	0.4939	0.5064	0.5201	0.5346	0.5548	0.5961
x_1	1.0000								
η /(mPa s)	0.6373								
T /K = 298.15									95L2
x_1	0.000	0.103	0.201	0.301	0.402	0.502	0.602	0.701	0.800
η /(mPa s)	0.5524	0.5617	0.5720	0.5865	0.6017	0.6199	0.6413	0.6677	0.7000
x_1	0.850	1.000							
η /(mPa s)	0.7179	0.7917							
T /K = 289.32									96L3
x_1	0.000	0.100	0.197	0.297	0.396	0.498	0.599	0.699	0.850
ν /(mm ² /s)	0.5093	0.5134	0.5185	0.5254	0.5342	0.5455	0.5597	0.5778	0.6146
x_1	1.0000								
ν /(mm ² /s)	0.6683								
T /K = 313.39									96L3
x_1	0.000	0.103	0.202	0.304	0.405	0.503	0.601	0.700	0.864
ν /(mm ² /s)	0.4021	0.4045	0.4075	0.4138	0.4197	0.4263	0.4331	0.4438	0.4665

x_1	1.0000									
$\nu /(\text{mm}^2/\text{s})$	0.4887									
817	C₂H₃Cl₃ (1) C₇H₈ (2)	1,1,1-trichloro-ethane toluene							71-55-6 108-88-3	
$T/^\circ\text{C} = 25.0$										86P3
x_1	0.000	0.212	0.389	0.619	0.805	1.000				
$\eta /(\text{mPa s})$	0.5708	0.5785	0.6394	0.6711	0.6751	0.6762				
$T/^\circ\text{C} = 40.0$										86P3
x_1	0.000	0.212	0.389	0.619	0.805	1.000				
$\eta /(\text{mPa s})$	0.4610	0.4772	0.5059	0.5579	0.5657	0.5875				
$T/^\circ\text{C} = 55.0$										86P3
x_1	0.000	0.212	0.389	0.619	0.805	1.000				
$\eta /(\text{mPa s})$	0.4195	0.4127	0.4498	0.4766	0.4989	0.5140				
$T/^\circ\text{C} = 70.0$										86P3
x_1	0.000	0.212	0.389	0.619	0.805	1.000				
$\eta /(\text{mPa s})$	0.3710	0.3781	0.4044	0.4311	0.4325	0.4400				
818	C₂H₃Cl₃ (1) C₇H₁₄ (2)	1,1,1-trichloro-ethane methylcyclohexane							71-55-6 108-87-2	
$T/\text{K} = 298.15$										94L3
x_1	0.000	0.201	0.302	0.402	0.502	0.602	0.744	1.000		
$\eta /(\text{mPa s})$	0.6810	0.6813	0.6853	0.6917	0.7009	0.7126	0.7345	0.7917		
819	C₂H₃Cl₃ (1) C₇H₁₆ (2)	1,1,1-trichloro-ethane heptane							71-55-6 142-82-5	
$T/\text{K} = 298.15$										94L3
x_1	0.000	0.198	0.352	0.449	0.549	0.576	0.648	0.747	0.765	
$\eta /(\text{mPa s})$	0.3903	0.4209	0.4527	0.4778	0.5090	0.5186	0.5470	0.5937	0.6043	
x_1	0.839	0.849	1.000							
$\eta /(\text{mPa s})$	0.6497	0.6570	0.7917							
820	C₂H₃Cl₃ (1) C₇H₁₆O (2)	1,1,1-trichloro-ethane heptan-1-ol							71-55-6 111-70-6	
$T/\text{K} = 303.15$										89A3
x_2	0.0000	0.1177	0.2075	0.3311	0.4385	0.5262	0.5911	0.6407	0.7497	
$\eta /(\text{mPa s})$	0.729	0.974	1.143	1.392	1.666	1.941	2.186	2.407	2.990	
x_2	0.8365	0.9206	1.0000							

η /(mPa s) 3.560 4.198 4.862

821 **C₂H₃Cl₃ (1)** **1,1,1-trichloro-ethane** **71-55-6**
 C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

$T/^\circ\text{C} = 25.0$ 86P3

x_1 0.000 0.193 0.386 0.595 0.778 1.000
 η /(mPa s) 0.6077 0.5726 0.6044 0.6198 0.6399 0.6762

$T/^\circ\text{C} = 40.0$ 86P3

x_1 0.000 0.224 0.444 0.649 0.828 1.000
 η /(mPa s) 0.5020 0.5098 0.5169 0.5455 0.5645 0.5875

$T/^\circ\text{C} = 55.0$ 86P3

x_1 0.000 0.224 0.324 0.649 0.828 1.000
 η /(mPa s) 0.4345 0.4337 0.4411 0.4605 0.4736 0.5140

$T/^\circ\text{C} = 70.0$ 86P3

x_1 0.000 0.193 0.386 0.595 0.778 1.000
 η /(mPa s) 0.3880 0.3815 0.3923 0.4004 0.4079 0.4400

822 **C₂H₃Cl₃ (1)** **1,1,1-trichloro-ethane** **71-55-6**
 C₈H₁₆ (2) **ethylcyclohexane** **1678-91-7**

$T/\text{K} = 298.15$ 94L3

x_1 0.000 0.201 0.300 0.399 0.500 0.599 0.752 1.000
 η /(mPa s) 0.7842 0.7621 0.7555 0.7510 0.7493 0.7503 0.7577 0.7917

823 **C₂H₃Cl₃ (1)** **1,1,1-trichloro-ethane** **71-55-6**
 C₈H₁₈ (2) **octane** **111-65-9**

$T/\text{K} = 298.15$ 94L3

x_1 0.000 0.103 0.203 0.301 0.400 0.500 0.500 0.600 0.699
 η /(mPa s) 0.5092 0.5209 0.5340 0.5488 0.5661 0.5871 0.5865 0.6113 0.6406

x_1 0.800 0.837 1.000
 η /(mPa s) 0.6778 0.6940 0.7917

824 **C₂H₃Cl₃ (1)** **1,1,1-trichloro-ethane** **71-55-6**
 C₉H₁₈ (2) **propyl-cyclohexane** **1678-92-8**

$T/\text{K} = 298.15$ 94L3

x_1 0.000 0.096 0.151 0.249 0.299 0.402 0.500 0.600 0.650
 η /(mPa s) 0.9372 0.9126 0.9018 0.8789 0.8691 0.8521 0.8361 0.8219 0.8157

x_1 0.700 0.800 1.000
 η /(mPa s) 0.8097 0.8002 0.7917

825	C₂H₃Cl₃ (1) C₁₀H₂₀ (2)	1,1,1-trichloro-ethane butyl-cyclohexane								71-55-6 1678-93-9
<i>T</i> /K = 298.15										94L3
<i>x</i> ₁	0.000	0.098	0.198	0.298	0.398	0.499	0.600	0.700	0.812	
<i>η</i> /(mPa s)	1.1922	1.1452	1.0990	1.0550	1.0123	0.9708	0.9308	0.8926	0.8527	
<i>x</i> ₁	1.000									
<i>η</i> /(mPa s)	0.7917									
826	C₂H₃Cl₃ (1) C₁₀H₂₂ (2)	1,1,1-trichloro-ethane decane								71-55-6 124-18-5
<i>T</i> /K = 298.15										94L3
<i>x</i> ₁	0.000	0.101	0.199	0.297	0.397	0.498	0.598	0.699	0.828	
<i>η</i> /(mPa s)	0.8496	0.8342	0.8205	0.8089	0.7981	0.7882	0.7802	0.7746	0.7734	
<i>x</i> ₁	1.000									
<i>η</i> /(mPa s)	0.7917									
827	C₂H₃Cl₃ (1) C₁₂H₂₆ (2)	1,1,1-trichloro-ethane dodecane								71-55-6 112-40-3
<i>T</i> /K = 298.15										94L3
<i>x</i> ₁	0.000	0.193	0.291	0.394	0.495	0.597	0.699	0.800	0.869	
<i>η</i> /(mPa s)	1.3528	1.2613	1.2129	1.1601	1.1046	1.0453	0.9844	0.9211	0.8791	
<i>x</i> ₁	1.000									
<i>η</i> /(mPa s)	0.7917									
828	C₂H₃Cl₃ (1) C₁₆H₃₄ (2)	1,1,1-trichloro-ethane hexadecane								71-55-6 544-76-3
<i>T</i> /K = 298.15										94L3
<i>x</i> ₁	0.000	0.096	0.195	0.297	0.400	0.499	0.601	0.788	0.874	
<i>η</i> /(mPa s)	3.0248	2.7799	2.5671	2.3445	2.1285	1.9151	1.6943	1.2616	1.0675	
<i>x</i> ₁	1.000									
<i>η</i> /(mPa s)	0.7917									
829	C₂H₃F₃O (1) C₂H₆O (2)	2,2,2-trifluoro-ethanol ethanol								75-89-8 64-17-5
<i>T</i> /°C = 25.0										58M2
<i>w</i> ₁	0.0000	0.04240	0.0798	0.1211	0.2153	0.2807	0.4307	0.4890	0.7373	
<i>η</i> /(mPa s)	1.102	1.104	1.102	1.098	1.097	1.089	1.082	1.105	1.215	

w_1	0.9010	1.0000
η /(mPa s)	1.427	1.768

830	C₂H₃F₃O (1)	2,2,2-trifluoro-ethanol	75-89-8
	C₈H₁₈O₄ (2)	1,2-bis-(2-methoxy-ethoxy)-ethane	112-49-2

$T/K = 293.15$									96O1
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x_1	0.0000	0.0590	0.0989	0.1483	0.2135	0.2582	0.3014	0.3506	0.3991
v /(mm ² /s)	3.7255	3.6782	3.6359	3.5882	3.5125	3.4625	3.4139	3.3566	3.2749

x_1	0.4778	0.4994	0.5553	0.6111	0.6515	0.6993	0.7537	0.7973	0.8486
v /(mm ² /s)	3.1573	3.1063	3.0029	2.8847	2.7778	2.6723	2.5376	2.4385	2.2968

x_1	0.8997	0.9499	1.0000
v /(mm ² /s)	2.1444	1.8861	1.4742

$T/K = 313.15$									96O1
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x_1	0.0000	0.0590	0.0993	0.1483	0.2145	0.2619	0.3014	0.3421	0.3991
v /(mm ² /s)	2.4041	2.3710	2.3538	2.3157	2.2698	2.2352	2.2048	2.1561	2.0987

x_1	0.4583	0.4994	0.5676	0.6111	0.6515	0.6993	0.7517	0.7973	0.8487
v /(mm ² /s)	2.0463	2.0019	1.9155	1.8631	1.8016	1.7366	1.6764	1.5863	1.4909

x_1	0.8997	0.9499	1.0000
v /(mm ² /s)	1.3807	1.1948	0.9081

$T/K = 323.15$									96O1
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x_1	0.0000	0.0590	0.0989	0.1483	0.2000	0.2619	0.3108	0.3421	0.4583
v /(mm ² /s)	2.0183	1.9878	1.9861	1.9355	1.8963	1.8561	1.8233	1.7993	1.7077

x_1	0.4994	0.5553	0.6111	0.6515	0.6993	0.7973	0.8640	0.9499	1.0000
v /(mm ² /s)	1.6637	1.6069	1.5474	1.4968	1.4469	1.3152	1.1995	0.9826	0.7400

$T/K = 333.15$									96O1
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x_1	0.0000	0.0793	0.0989	0.1483	0.1809	0.2000	0.2518	0.3108	0.3421
v /(mm ² /s)	1.7135	1.6796	1.6672	1.6459	1.6240	1.6194	1.5918	1.5631	1.5354

x_1	0.4583	0.4778	0.6111	0.6515	0.7034	0.7537	0.8640	0.9499	1.0000
v /(mm ² /s)	1.4511	1.4340	1.3156	1.2730	1.2256	1.1709	1.0057	0.8051	0.6128

831	C₂H₃F₃O (1)	2,2,2-trifluoro-ethanol	75-89-8
	C₁₀H₂₂O₅ (2)	1,11-dimethoxy-3,6,9-trioxa-undecane	143-24-8

$T/K = 343.15$									99H3
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x_1	0.0000	0.0986	0.2009	0.3022	0.4005	0.4860	0.5982	0.6988	0.8000
η /(mPa s)	1.4222	1.3910	1.3673	1.3441	1.3225	1.3020	1.2381	1.1894	1.1000

x_1	0.8456	0.9002	1.0000
η /(mPa s)	1.0549	0.9773	0.6712

$T/K = 353.15$									99H3
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x_1	0.0000	0.0986	0.2009	0.3022	0.4005	0.4860	0.5982	0.6988	0.8000
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η /(mPa s)	1.2355	1.2057	1.1822	1.1629	1.1411	1.1097	1.0626	1.0209	0.9456
x_1	0.8456	0.9002	1.0000						
η /(mPa s)	0.9009	0.8354	0.5616						
T /K = 363.15									99H3
x_1	0.0000	0.0986	0.2009	0.3022	0.4005	0.4860	0.5982	0.6988	0.8000
η /(mPa s)	1.0954	1.0670	1.0351	1.0115	0.9988	0.9662	0.9263	0.8897	0.8143
x_1	0.8456	0.9002	1.0000						
η /(mPa s)	0.7740	0.7146	0.4762						
T /K = 373.15									99H3
x_1	0.0000	0.0986	0.2009	0.3022	0.4005	0.4860	0.5982	0.6988	0.8000
η /(mPa s)	0.9623	0.9339	0.9127	0.8852	0.8680	0.8314	0.7992	0.7629	0.7403
x_1	0.8456	0.9002	1.0000						
η /(mPa s)	0.7140	0.6081	0.4044						
T /K = 383.15									99H3
x_1	0.0000	0.0986	0.2009	0.3022	0.4005	0.4860	0.5982	0.6988	0.8000
η /(mPa s)	0.8590	0.8380	0.8174	0.7882	0.7743	0.7406	0.7107	0.6726	0.6554
x_1	0.8456	0.9002	1.0000						
η /(mPa s)	0.6322	0.5292	0.3570						
T /K = 393.15									99H3
x_1	0.0000	0.0986	0.2009	0.3022	0.4005	0.4860	0.5982	0.6988	0.8000
η /(mPa s)	0.7712	0.7568	0.7382	0.7092	0.6984	0.6625	0.6303	0.5925	0.5777
x_1	0.8456	0.9002	1.0000						
η /(mPa s)	0.5582	0.4599	0.3071						
T /K = 303.15									94O1
x_1	0.0000	0.0590	0.0993	0.1483	0.2135	0.2619	0.3014	0.3421	0.3991
η /(mPa s)	2.9455	2.9354	2.9155	2.9046	2.8620	2.8419	2.8227	2.8018	2.7614
x_1	0.4583	0.4994	0.5676	0.6111	0.6515	0.6993	0.7517	0.7973	0.8487
η /(mPa s)	2.7194	2.6858	2.6255	2.5765	2.5255	2.4724	2.4084	2.3598	2.2842
x_1	0.8997	0.9499	1.0000						
η /(mPa s)	2.1847	1.9525	1.5521						
T /K = 303.15									94O1
x_1	0.0000	0.0590	0.0993	0.1483	0.2135	0.2619	0.3014	0.3421	0.3991
ν /(mm ² /s)	2.9393	2.9068	2.8727	2.8422	2.7716	2.7331	2.6952	2.6522	2.5840
x_1	0.4583	0.4994	0.5676	0.6111	0.6515	0.6993	0.7517	0.7973	0.8487
ν /(mm ² /s)	2.5106	2.4559	2.3557	2.2854	2.2087	2.1231	2.0251	1.9461	1.8358
x_1	0.8997	0.9499	1.0000						
ν /(mm ² /s)	1.7064	1.4811	1.1298						

832	C₂H₃N (1)		acetonitrile						75-05-8
	C₂H₄Cl₂ (2)		1,2-dichloro-ethane						107-06-2
<i>T</i> /K = 303.15									88N2
<i>x</i> ₁	0.0000	0.1130	0.1744	0.2643	0.3563	0.4072	0.5430	0.6825	0.8073
<i>η</i> /(mPa s)	0.7295	0.6740	0.6458	0.6069	0.5679	0.5471	0.4921	0.4372	0.3903
<i>x</i> ₁	0.8792	0.9181	1.0000						
<i>η</i> /(mPa s)	0.3647	0.3513	0.3246						
833	C₂H₃N (1)		acetonitrile						75-05-8
	C₂H₄O₂ (2)		acetic acid						64-19-7
<i>T</i> /°C = 25.0									95A1
<i>x</i> ₂	0.0000	0.0924	0.1864	0.2820	0.3793	0.4782	0.5789	0.6814	
<i>η</i> /(mPa s)	0.34180	0.37421	0.41622	0.47855	0.55797	0.65091	0.75334	0.86076	
<i>x</i> ₂	0.7857	0.8919	1.0000						
<i>η</i> /(mPa s)	0.96816	1.06999	1.13100						
<i>T</i> /°C = 35.0									95A1
<i>x</i> ₂	0.0000	0.0924	0.1864	0.2820	0.3793	0.4782	0.5789	0.6814	
<i>η</i> /(mPa s)	0.30850	0.32667	0.36221	0.41768	0.48908	0.57193	0.66121	0.75135	
<i>x</i> ₂	0.7857	0.8919	1.0000						
<i>η</i> /(mPa s)	0.83616	0.90878	0.94870						
<i>T</i> /°C = 45.0									95A1
<i>x</i> ₂	0.0000	0.0924	0.1864	0.2820	0.3793	0.4782	0.5789	0.6814	
<i>η</i> /(mPa s)	0.27550	0.28084	0.31685	0.37592	0.45151	0.53635	0.62263	0.70053	
<i>x</i> ₂	0.7857	0.8919	1.0000						
<i>η</i> /(mPa s)	0.76092	0.79250	0.76670						
834	C₂H₃N (1)		acetonitrile						75-05-8
	C₂H₆O (2)		ethanol						64-17-5
<i>T</i> /K = 298.15									98N3
<i>x</i> ₁	0.0000	0.1107	0.2192	0.3249	0.4279	0.5288	0.6267	0.7236	0.8179
<i>η</i> /(mPa s)	1.083	0.850	0.693	0.584	0.506	0.458	0.414	0.392	0.370
<i>x</i> ₁	0.9099	1.0000							
<i>η</i> /(mPa s)	0.354	0.342							
<i>T</i> /K = 303.15									98N3
<i>x</i> ₁	0.0000	0.1107	0.2192	0.3249	0.4279	0.5288	0.6267	0.7236	0.8179
<i>η</i> /(mPa s)	0.987	0.779	0.642	0.545	0.473	0.428	0.391	0.366	0.349
<i>x</i> ₁	0.9099	1.0000							

η /(mPa s)	0.336	0.326							
T /K = 308.15									98N3
x_1	0.0000	0.1107	0.2192	0.3249	0.4279	0.5288	0.6267	0.7236	0.8179
η /(mPa s)	0.893	0.715	0.589	0.499	0.444	0.405	0.377	0.347	0.333
x_1	0.9099	1.0000							
η /(mPa s)	0.317	0.306							
T /K = 313.15									98N3
x_1	0.0000	0.1107	0.2192	0.3249	0.4279	0.5288	0.6267	0.7236	0.8179
η /(mPa s)	0.814	0.656	0.542	0.467	0.417	0.380	0.352	0.331	0.316
x_1	0.9099	1.0000							
η /(mPa s)	0.301	0.291							
T /°C = 25.0									72M1
x_1	0.0000	0.0898	0.1870	0.2972	0.3960	0.4843	0.5987	0.7114	0.8072
η /(mPa s)	1.067	0.870	0.710	0.594	0.517	0.463	0.416	0.376	0.357
x_1	0.9139	1.0000							
η /(mPa s)	0.345	0.338							
T /°C = 35.0									72M1
x_1	0.0000	0.0898	0.1870	0.2972	0.3960	0.4843	0.5987	0.7114	0.8072
η /(mPa s)	0.890	0.736	0.606	0.518	0.455	0.409	0.370	0.342	0.325
x_1	0.9139	1.0000							
η /(mPa s)	0.314	0.312							
T /°C = 45.0									72M1
x_1	0.0000	0.0898	0.1870	0.2972	0.3960	0.4843	0.5987	0.7114	0.8072
η /(mPa s)	0.748	0.632	0.523	0.454	0.405	0.364	0.334	0.309	0.298
x_1	0.9139	1.0000							
η /(mPa s)	0.290	0.288							
T /°C = 20.0									50V1
x_1	0.00	0.04	0.10	0.12	0.17	0.28	0.33	0.43	0.67
η /(mPa s)	1.2327	1.1204	0.9979	0.9390	0.9065	0.7033	0.6415	0.5585	0.4418
x_1	0.83	1.0							
η /(mPa s)	0.4001	0.3830							

835 **C₂H₃N (1)** **acetonitrile** **75-05-8**
C₂H₆OS (2) **dimethyl sulfoxide** **67-68-5**

T /K = 298.15									96B2
x_1	0.0000	0.0879	0.1719	0.3291	0.4735	0.6066	0.7296	0.8437	0.9497
η /(mPa s)	1.990	1.713	1.493	1.133	0.862	0.663	0.523	0.430	0.376
x_1	1.0000								
η /(mPa s)	0.341								

$T/K = 298.15$									95O2
x_1	0.0000	0.0948	0.2036	0.2949	0.4000	0.4976	0.5977	0.6957	0.7957
$\eta/(mPa\ s)$	1.8034	1.5539	1.3083	1.1244	0.9332	0.7778	0.6451	0.5361	0.4469
x_1	0.8967	1.0000							
$\eta/(mPa\ s)$	0.3757	0.3244							
$T/^\circ C = 35.0$									92C1
x_1	0.000	0.120	0.332	0.582	0.734	0.932	1.000		
$\eta/(mPa\ s)$	1.652	1.339	0.933	0.630	0.459	0.334	0.314		
$T/^\circ C = 25.0$									86G1
x_1	0.000	0.120	0.332	0.582	0.734	0.932	1.000		
$\eta/(mPa\ s)$	1.990	1.600	1.100	0.710	0.550	0.390	0.341		
$T/^\circ C = 25.0$									66F1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(mPa\ s)$	0.324	0.477	0.687	0.987	1.417	2.038			
836	C₂H₃N (1)		acetonitrile						75-05-8
	C₃H₆O (2)		propan-2-one						67-64-1
$T/K = 298.15$									85G1
x_1	0.000	0.120	0.332	0.582	0.734	0.932	1.000		
$\eta/(mPa\ s)$	0.304	0.316	0.323	0.330	0.335	0.339	0.341		
837	C₂H₃N (1)		acetonitrile						75-05-8
	C₃H₆O₂ (2)		acetic acid methyl ester						79-20-9
$T/K = 298.15$									95O1
x_1	0.0000	0.1087	0.1994	0.3009	0.4037	0.4994	0.5996	0.7019	0.7979
$\eta/(mPa\ s)$	0.3442	0.3472	0.3482	0.3485	0.3481	0.3474	0.3461	0.3429	0.3376
x_1	0.9006	1.0000							
$\eta/(mPa\ s)$	0.3322	0.3244							
838	C₂H₃N (1)		acetonitrile						75-05-8
	C₃H₆O₂ (2)		propionic acid						79-09-4
$T/^\circ C = 25.0$									95A1
x_2	0.0000	0.0727	0.1499	0.2322	0.3199	0.4136	0.5141	0.6221	
$\eta/(mPa\ s)$	0.34180	0.38707	0.43259	0.49003	0.55884	0.63781	0.72467	0.81564	
x_2	0.7383	0.8640	1.0000						
$\eta/(mPa\ s)$	0.90482	0.98328	1.03050						

$T/^\circ\text{C} = 35.0$									95A1
x_2	0.0000	0.0727	0.1499	0.2322	0.3199	0.4136	0.5141	0.6221	
$\eta/(\text{mPa s})$	0.30850	0.34109	0.38411	0.43731	0.49987	0.57029	0.64596	0.72274	
x_2	0.7383	0.8640	1.0000						
$\eta/(\text{mPa s})$	0.79431	0.85125	0.88580						
$T/^\circ\text{C} = 45.0$									95A1
x_2	0.0000	0.0727	0.1499	0.2322	0.3199	0.4136	0.5141	0.6221	
$\eta/(\text{mPa s})$	0.27550	0.30071	0.34499	0.39479	0.44935	0.50743	0.56703	0.62513	
x_2	0.7383	0.8640	1.0000						
$\eta/(\text{mPa s})$	0.67722	0.71677	0.74120						
839	$\text{C}_2\text{H}_3\text{N}$ (1)		acetonitrile						75-05-8
	$\text{C}_3\text{H}_7\text{NO}$ (2)		N,N-dimethyl-formamide						68-12-2
$T/\text{K} = 303.15$									99A1
x_1	0.0000	0.1176	0.2399	0.4348	0.5933	0.7275	0.8419	0.9418	1.0000
$\eta/(\text{mPa s})$	0.7566	0.6994	0.6372	0.5495	0.4816	0.4283	0.3842	0.3496	0.3501
$T/\text{K} = 298.15$									95O2
x_1	0.0000	0.0953	0.1981	0.3038	0.3988	0.5000	0.6013	0.6983	0.8009
$\eta/(\text{mPa s})$	0.7675	0.7392	0.6991	0.6537	0.6046	0.5476	0.4940	0.4471	0.4023
x_1	0.8992	1.0000							
$\eta/(\text{mPa s})$	0.3607	0.3244							
$T/^\circ\text{C} = 15.0$									90G1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.991	0.797	0.672	0.561	0.461	0.375			
$T/^\circ\text{C} = 20.0$									90G1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.855	0.775	0.637	0.537	0.442	0.352			
$T/^\circ\text{C} = 25.0$									90G1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.796	0.770	0.610	0.503	0.424	0.341			
$T/^\circ\text{C} = 30.0$									90G1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.747	0.660	0.577	0.485	0.407	0.323			
$T/^\circ\text{C} = 35.0$									90G1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.699	0.614	0.531	0.456	0.385	0.319			
$T/^\circ\text{C} = 40.0$									90G1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			

η /(mPa s)	0.665	0.594	0.518	0.444	0.375	0.312			
$T/K = 288.15$									83P1
x_1	0.000	0.025	0.050	0.100	0.200	0.280	0.400	0.600	
η /(mPa s)	0.94256	0.92576	0.91447	0.88606	0.82822	0.78093	0.71473	0.61102	
x_1	0.800	1.000							
η /(mPa s)	0.52161	0.44197							
$T/K = 298.15$									83P1
x_1	0.000	0.025	0.050	0.100	0.200	0.280	0.400	0.600	
η /(mPa s)	0.82051	0.80697	0.80149	0.77400	0.72513	0.68502	0.63069	0.54767	
x_1	0.800	1.000							
η /(mPa s)	0.47309	0.40250							
$T/K = 308.15$									83P1
x_1	0.000	0.025	0.050	0.100	0.200	0.280	0.400	0.600	
η /(mPa s)	0.71552	0.70407	0.69702	0.67628	0.63662	0.60410	0.56082	0.49296	
x_1	0.800	1.000							
η /(mPa s)	0.42803	0.36613							
$T/K = 323.15$									83P1
x_1	0.000	0.025	0.050	0.100	0.200	0.280	0.400	0.600	
η /(mPa s)	0.58913	0.58138	0.57495	0.56176	0.53302	0.50973	0.47713	0.42239	
x_1	0.800	1.000							
η /(mPa s)	0.36900	0.31884							
$T/K = 298.15$									83G1
x_1	0.00	0.10	0.30	0.60	0.75	0.90	0.99	1.00	
η /(mPa s)	0.796	0.748	0.643	0.503	0.444	0.381	0.344	0.341	

840	C₂H₃N (1)	acetone							75-05-8
	C₃H₈O (2)	propan-1-ol							71-23-8
$T/K = 298.15$									98N3
x_1	0.0000	0.1388	0.2787	0.3856	0.4939	0.5945	0.6887	0.7735	0.8539
η /(mPa s)	1.967	1.295	0.922	0.747	0.615	0.522	0.463	0.421	0.391
x_1	0.9294	1.0000							
η /(mPa s)	0.365	0.342							
$T/K = 303.15$									98N3
x_1	0.0000	0.1388	0.2787	0.3856	0.4939	0.5945	0.6887	0.7735	0.8539
η /(mPa s)	1.705	1.166	0.842	0.695	0.574	0.498	0.436	0.399	0.374
x_1	0.9294	1.0000							
η /(mPa s)	0.352	0.326							
$T/K = 308.15$									98N3

x_1	0.0000	0.1388	0.2787	0.3856	0.4939	0.5945	0.6887	0.7735	0.8539
$\eta /(\text{mPa s})$	1.500	1.053	0.769	0.634	0.530	0.465	0.413	0.380	0.355
x_1	0.9294	1.0000							
$\eta /(\text{mPa s})$	0.334	0.306							
$T/\text{K} = 313.15$									98N3
x_1	0.0000	0.1388	0.2787	0.3856	0.4939	0.5945	0.6887	0.7735	0.8539
$\eta /(\text{mPa s})$	1.382	0.983	0.706	0.587	0.496	0.433	0.390	0.362	0.341
x_1	0.9294	1.0000							
$\eta /(\text{mPa s})$	0.320	0.291							
$T/^\circ\text{C} = 20.0$									89P1
x_1	0.0000	0.0214	0.0926	0.1310	0.2287	0.3661	0.4647	0.5532	0.6088
$\eta /(\text{mPa s})$	2.187	2.052	1.636	1.467	1.114	0.8314	0.6986	0.5951	0.5441
x_1	0.7151	0.8071	0.8778	1.0000					
$\eta /(\text{mPa s})$	0.4665	0.4122	0.3835	0.3579					
$T/^\circ\text{C} = 30.0$									89P1
x_1	0.0000	0.0214	0.0926	0.1310	0.2287	0.3661	0.4647	0.5532	0.6088
$\eta /(\text{mPa s})$	1.705	1.623	1.329	1.195	0.9375	0.7000	0.5975	0.5163	0.4725
x_1	0.7151	0.8071	0.8778	1.0000					
$\eta /(\text{mPa s})$	0.4106	0.3683	0.3450	0.3254					
$T/^\circ\text{C} = 40.0$									89P1
x_1	0.0000	0.0214	0.0926	0.1310	0.2287	0.3661	0.4647	0.5532	0.6088
$\eta /(\text{mPa s})$	1.380	1.298	1.089	0.9876	0.7852	0.5983	0.5164	0.4519	0.4163
x_1	0.7151	0.8071	0.8778	1.0000					
$\eta /(\text{mPa s})$	0.3663	0.3317	0.3126	0.2974					
$T/^\circ\text{C} = 50.0$									89P1
x_1	0.0000	0.0214	0.0926	0.1310	0.2287	0.3661	0.4647	0.5532	0.6088
$\eta /(\text{mPa s})$	1.109	1.052	0.8994	0.8269	0.6650	0.5179	0.4510	0.3984	0.3701
x_1	0.7151	0.8071	0.8778	1.0000					
$\eta /(\text{mPa s})$	0.3284	0.3003	0.2849	0.2729					
$T/^\circ\text{C} = 25.0$									72M1
x_1	0.0000	0.0674	0.1534	0.2933	0.3889	0.4881	0.5995	0.7030	0.7951
$\eta /(\text{mPa s})$	1.996	1.557	1.243	0.903	0.738	0.622	0.519	0.438	0.393
x_1	0.9090	1.0000							
$\eta /(\text{mPa s})$	0.361	0.338							
$T/^\circ\text{C} = 35.0$									72M1
x_1	0.0000	0.0674	0.1534	0.2933	0.3889	0.4881	0.5995	0.7030	0.7951
$\eta /(\text{mPa s})$	1.591	1.267	1.027	0.761	0.631	0.539	0.459	0.390	0.354
x_1	0.9090	1.0000							
$\eta /(\text{mPa s})$	0.329	0.312							

$T/^\circ\text{C} = 45.0$

72M1

x_1	0.0000	0.0674	0.1534	0.2933	0.3889	0.4881	0.5995	0.7030	0.7951
$\eta /(\text{mPa s})$	1.273	1.035	0.845	0.645	0.540	0.469	0.407	0.351	0.321
x_1	0.9090	1.0000							
$\eta /(\text{mPa s})$	0.303	0.288							

841**C₂H₃N (1)****C₃H₈O (2)****acetonitrile****propan-2-ol****75-05-8****67-63-0** $T/\text{K} = 298.15$

98N3

x_1	0.0000	0.1399	0.2679	0.3855	0.4939	0.5942	0.6871	0.7736	0.8541
$\eta /(\text{mPa s})$	2.052	1.254	0.846	0.660	0.541	0.482	0.419	0.372	0.343
x_1	0.9295	1.0000							
$\eta /(\text{mPa s})$	0.342	0.342							

 $T/\text{K} = 303.15$

98N3

x_1	0.0000	0.1399	0.2679	0.3855	0.4939	0.5942	0.6871	0.7736	0.8541
$\eta /(\text{mPa s})$	1.779	1.114	0.758	0.599	0.502	0.450	0.394	0.356	0.327
x_1	0.9295	1.0000							
$\eta /(\text{mPa s})$	0.326	0.326							

 $T/\text{K} = 308.15$

98N3

x_1	0.0000	0.1399	0.2679	0.3855	0.4939	0.5942	0.6871	0.7736	0.8541
$\eta /(\text{mPa s})$	1.542	0.995	0.687	0.546	0.465	0.417	0.370	0.331	0.311
x_1	0.9295	1.0000							
$\eta /(\text{mPa s})$	0.309	0.306							

 $T/\text{K} = 313.15$

98N3

x_1	0.0000	0.1399	0.2679	0.3855	0.4939	0.5942	0.6871	0.7736	0.8541
$\eta /(\text{mPa s})$	1.336	0.889	0.623	0.500	0.427	0.389	0.348	0.317	0.296
x_1	0.9295	1.0000							
$\eta /(\text{mPa s})$	0.294	0.291							

 $T/^\circ\text{C} = 20.0$

89P1

x_1	0.0000	0.0526	0.0771	0.1018	0.2227	0.3314	0.3989	0.5500	0.6250
$\eta /(\text{mPa s})$	2.290	1.921	1.736	1.572	1.150	0.8622	0.7354	0.5657	0.5020
x_1	0.6893	0.7624	0.8640	1.0000					
$\eta /(\text{mPa s})$	0.4639	0.4194	0.3823	0.3579					

 $T/^\circ\text{C} = 30.0$

89P1

x_1	0.0000	0.0526	0.0771	0.1018	0.2227	0.3314	0.3989	0.5500	0.6250
$\eta /(\text{mPa s})$	1.778	1.464	1.361	1.239	0.9168	0.7097	0.6154	0.4831	0.4366
x_1	0.6893	0.7624	0.8640	1.0000					
$\eta /(\text{mPa s})$	0.4070	0.3780	0.3440	0.3254					

 $T/^\circ\text{C} = 40.0$

89P1

x_1	0.0000	0.0526	0.0771	0.1018	0.2227	0.3314	0.3989	0.5500	0.6250
η /(mPa s)	1.331	1.125	1.047	0.9910	0.7301	0.5949	0.5253	0.4201	0.3817
x_1	0.6893	0.7624	0.8640	1.0000					
η /(mPa s)	0.3610	0.3321	0.3081	0.2974					
$T/^\circ\text{C} = 50.0$									89P1
x_1	0.0000	0.0526	0.0771	0.1018	0.2227	0.3314	0.3989	0.5500	0.6250
η /(mPa s)	1.032	0.9024	0.8427	0.7839	0.6091	0.5031	0.4466	0.3731	0.3434
x_1	0.6893	0.7624	0.8640	1.0000					
η /(mPa s)	0.3290	0.3054	0.2835	0.2729					
$T/^\circ\text{C} = 25.0$									72M1
x_1	0.0000	0.1056	0.1688	0.2531	0.4135	0.5014	0.6077	0.7093	0.8276
η /(mPa s)	2.058	1.372	1.145	0.923	0.653	0.556	0.473	0.424	0.373
x_1	0.9013	1.0000							
η /(mPa s)	0.356	0.338							
$T/^\circ\text{C} = 35.0$									72M1
x_1	0.0000	0.1056	0.1688	0.2531	0.4135	0.5014	0.6077	0.7093	0.8276
η /(mPa s)	1.547	1.088	0.918	0.762	0.551	0.482	0.417	0.382	0.341
x_1	0.9013	1.0000							
η /(mPa s)	0.327	0.312							
$T/^\circ\text{C} = 45.0$									72M1
x_1	0.0000	0.1056	0.1688	0.2531	0.4135	0.5014	0.6077	0.7093	0.8276
η /(mPa s)	1.178	0.871	0.739	0.635	0.475	0.420	0.372	0.345	0.312
x_1	0.9013	1.0000							
η /(mPa s)	0.302	0.288							
$T/\text{K} = 293.15$									98K1
x_2	0.0000	0.0500	0.1000	0.1500	0.2000	0.2500	0.3000	0.3501	0.4000
ν /(mm ² /s)	0.4661	0.4747	0.4888	0.5070	0.5342	0.5620	0.5972	0.6389	0.6905
x_2	0.4500	0.5000	0.5500	0.5999	0.6499	0.6999	0.7499	0.7999	0.8499
ν /(mm ² /s)	0.7404	0.8063	0.8828	0.9723	1.0795	1.2044	1.3629	1.5529	1.7901
x_2	0.8999	0.9500	1.0000						
ν /(mm ² /s)	2.0918	2.5086	3.0745						
$T/\text{K} = 303.15$									98K1
x_2	0.0000	0.0500	0.1000	0.1500	0.2000	0.2500	0.3000	0.3501	0.4000
ν /(mm ² /s)	0.4288	0.4342	0.4453	0.4598	0.4790	0.5047	0.5319	0.5621	0.6053
x_2	0.4500	0.5000	0.5500	0.5999	0.6499	0.6999	0.7499	0.7999	0.8499
ν /(mm ² /s)	0.6438	0.6940	0.7528	0.8207	0.9019	0.9962	1.1154	1.2568	1.4289
x_2	0.8999	0.9500	1.0000						
ν /(mm ² /s)	1.6434	1.9410	2.3061						
$T/\text{K} = 313.15$									98K1

x_2	0.0000	0.0500	0.1000	0.1500	0.2000	0.2500	0.3000	0.3501	0.4000
$\nu /(\text{mm}^2/\text{s})$	0.3952	0.4002	0.4091	0.4232	0.4364	0.4552	0.4771	0.5037	0.5341
x_2	0.4500	0.5000	0.5500	0.5999	0.6499	0.6999	0.7499	0.7999	0.8499
$\nu /(\text{mm}^2/\text{s})$	0.5685	0.6060	0.6514	0.7035	0.7645	0.8361	0.9246	1.0259	1.1497
x_2	0.8999	0.9500	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.3017	1.5096	1.7684						

 $T/\text{K} = 323.15$

98K1

x_2	0.0000	0.0500	0.1000	0.1500	0.2000	0.2500	0.3000	0.3501	0.4000
$\nu /(\text{mm}^2/\text{s})$	0.3666	0.3698	0.3762	0.3867	0.4018	0.4144	0.4324	0.4531	0.4803
x_2	0.4500	0.5000	0.5500	0.5999	0.6499	0.6999	0.7499	0.7999	0.8499
$\nu /(\text{mm}^2/\text{s})$	0.5062	0.5376	0.5748	0.6224	0.6705	0.7208	0.7858	0.8556	0.9460
x_2	0.8999	0.9500	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.0562	1.2080	1.3785						

842 **C₂H₃N (1)** **acetonitrile**
C₄H₆O₃ (2) **4-methyl-1,3-dioxolan-2-one**

75-05-8
108-32-7

 $T/^\circ\text{C} = 25.0$

94C2

x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50
$\eta /(\text{mPa s})$	0.341	0.393	0.438	0.492	0.544	0.606	0.672	0.826	1.002
x_2	0.60	0.70	0.80	0.90	1.00				
$\eta /(\text{mPa s})$	1.215	1.462	1.762	2.110	2.526				

 $T/^\circ\text{C} = 35.0$

94C2

x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50
$\eta /(\text{mPa s})$	0.313	0.359	0.401	0.445	0.492	0.542	0.601	0.729	0.875
x_2	0.60	0.70	0.80	0.90	1.00				
$\eta /(\text{mPa s})$	1.042	1.252	1.482	1.753	2.062				

 $T/^\circ\text{C} = 45.0$

94C2

x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50
$\eta /(\text{mPa s})$	0.293	0.335	0.372	0.410	0.451	0.498	0.543	0.651	0.771
x_2	0.60	0.70	0.80	0.90	1.00				
$\eta /(\text{mPa s})$	0.914	1.071	1.251	1.454	1.681				

 $T/^\circ\text{C} = 25.0$

91M3

x_2	0.0000	0.0418	0.0892	0.1438	0.2071	0.2815	0.3701	0.4776	0.6104
$\eta /(\text{mPa s})$	0.344	0.383	0.423	0.479	0.551	0.642	0.778	0.968	1.248
x_2	0.7791	1.0000							
$\eta /(\text{mPa s})$	1.675	2.512							

 $T/^\circ\text{C} = 30.0$

91M3

x_2	0.0000	0.0418	0.0892	0.1438	0.2071	0.2815	0.3701	0.4776	0.6104
$\eta /(\text{mPa s})$	0.328	0.363	0.403	0.454	0.521	0.605	0.731	0.906	1.161

x_2	0.7791	1.0000							
$\eta /(\text{mPa s})$	1.535	2.300							
$T / ^\circ\text{C} = 35.0$									91M3
x_2	0.0000	0.0418	0.0892	0.1438	0.2071	0.2815	0.3701	0.4776	0.6104
$\eta /(\text{mPa s})$	0.314	0.347	0.384	0.432	0.494	0.575	0.693	0.846	1.078
x_2	0.7791	1.0000							
$\eta /(\text{mPa s})$	1.420	2.080							
$T / ^\circ\text{C} = 40.0$									91M3
x_2	0.0000	0.0418	0.0892	0.1438	0.2071	0.2815	0.3701	0.4776	0.6104
$\eta /(\text{mPa s})$	0.301	0.331	0.367	0.411	0.469	0.543	0.654	0.802	1.054
x_2	0.7791	1.0000							
$\eta /(\text{mPa s})$	1.310	1.902							
$T / ^\circ\text{C} = 45.0$									91M3
x_2	0.0000	0.0418	0.0892	0.1438	0.2071	0.2815	0.3701	0.4776	0.6104
$\eta /(\text{mPa s})$	0.289	0.316	0.353	0.397	0.455	0.509	0.625	0.760	0.965
x_2	0.7791	1.0000							
$\eta /(\text{mPa s})$	1.220	1.755							
$T / ^\circ\text{C} = 5.0$									87G2
x_2	0.0000	0.0920	0.1675	0.3043	0.3763	0.4910	0.6293	0.7795	0.7953
$\eta /(\text{mPa s})$	0.432	0.512	0.619	0.854	1.007	1.312	1.806	2.390	2.510
x_2	0.9537	1.0000							
$\eta /(\text{mPa s})$	3.519	3.817							
$T / ^\circ\text{C} = 5.0$									86A1
x_2	0.0000	0.0920	0.1675	0.3043	0.3763	0.4910	0.6293	0.7795	0.7953
$\nu /(\text{mm}^2/\text{s})$	0.541	0.594	0.683	0.871	0.992	1.234	1.622	2.058	2.151
x_2	0.9537	1.0000							
$\nu /(\text{mm}^2/\text{s})$	2.910	3.128							
843	C₂H₃N (1)		acetonitrile						75-05-8
	C₄H₈O₂ (2)		acetic acid ethyl ester						141-78-6
$T / \text{K} = 298.15$									95O1
x_1	0.0000	0.0931	0.1928	0.2980	0.3925	0.4985	0.5974	0.6982	0.8001
$\eta /(\text{mPa s})$	0.4026	0.3988	0.3934	0.3881	0.3819	0.3753	0.3676	0.3591	0.3486
x_1	0.8988	1.0000							
$\eta /(\text{mPa s})$	0.3402	0.3244							
844	C₂H₃N (1)		acetonitrile						75-05-8
	C₄H₈O₂ (2)		butanoic acid						107-92-6

$T/^\circ\text{C} = 25.0$									95A1
x_2	0.0000	0.0598	0.1252	0.1971	0.2763	0.3641	0.4621	0.5720	
$\eta/(\text{mPa s})$	0.34180	0.39438	0.43773	0.50436	0.59681	0.71700	0.86526	1.03881	
x_2	0.6961	0.8375	1.0000						
$\eta/(\text{mPa s})$	1.22869	1.41456	1.52830						
$T/^\circ\text{C} = 35.0$									95A1
x_2	0.0000	0.0598	0.1252	0.1971	0.2763	0.3641	0.4621	0.5720	
$\eta/(\text{mPa s})$	0.30850	0.34517	0.38491	0.44547	0.52854	0.63489	0.76321	0.90841	
x_2	0.6961	0.8375	1.0000						
$\eta/(\text{mPa s})$	1.05823	1.18742	1.24210						
$T/^\circ\text{C} = 45.0$									95A1
x_2	0.0000	0.0598	0.1252	0.1971	0.2763	0.3641	0.4621	0.5720	
$\eta/(\text{mPa s})$	0.27550	0.31465	0.36808	0.42717	0.49219	0.56320	0.63982	0.72091	
x_2	0.6961	0.8375	1.0000						
$\eta/(\text{mPa s})$	0.80386	0.88362	0.95620						

845	$\text{C}_2\text{H}_3\text{N}$ (1)	acetone		nitrobenzene						75-05-8
	$\text{C}_4\text{H}_8\text{O}_2$ (2)	1,4-dioxane		1,4-dioxane						123-91-1
$T/^\circ\text{C} = 25.0$									71L1	
w_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	
$\eta/(\text{mPa s})$	0.346	0.353	0.363	0.373	0.385	0.398	0.414	0.429	0.448	
w_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	
$\eta/(\text{mPa s})$	0.469	0.492	0.524	0.557	0.595	0.642	0.699	0.770	0.830	
w_2	0.90	0.95	1.00							
$\eta/(\text{mPa s})$	0.927	1.050	1.194							
$T/^\circ\text{C} = 35.0$									71L1	
w_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	
$\eta/(\text{mPa s})$	0.316	0.322	0.331	0.340	0.350	0.362	0.376	0.390	0.406	
w_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	
$\eta/(\text{mPa s})$	0.423	0.442	0.475	0.498	0.530	0.570	0.612	0.666	0.725	
w_2	0.90	0.95	1.00							
$\eta/(\text{mPa s})$	0.804	0.900	1.014							
$T/^\circ\text{C} = 45.0$									71L1	
w_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40	
$\eta/(\text{mPa s})$	0.290	0.296	0.303	0.312	0.320	0.332	0.342	0.355	0.369	
w_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	
$\eta/(\text{mPa s})$	0.386	0.401	0.424	0.448	0.476	0.510	0.548	0.590	0.639	
w_2	0.90	0.95	1.00							
$\eta/(\text{mPa s})$	0.706	0.784	0.874							

$T/^\circ\text{C} = 25.0$

67D1

w_2	0.0000	0.3031	0.3968	0.4949	0.5992
$\eta /(\text{mPa s})$	0.345	0.416	0.449	0.496	0.558

846 **C₂H₃N (1)**
C₄H₉Cl (2)

acetonitrile
1-chloro-butane

75-05-8
109-69-3

 $T/^\circ\text{C} = 25.0$

84P1

x_1	0.0000	0.0706	0.1269	0.2010	0.2831	0.3636	0.4597	0.5008	0.5501
$\eta /(\text{mPa s})$	0.426	0.418	0.413	0.407	0.401	0.394	0.386	0.383	0.378
x_1	0.5976	0.6929	0.7999	0.8624	0.9229	0.9562	1.0000		
$\eta /(\text{mPa s})$	0.374	0.366	0.355	0.349	0.344	0.340	0.340		

 $T/\text{K} = 293.15$

98K1

x_2	0.0000	0.0501	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000
$\nu /(\text{mm}^2/\text{s})$	0.4661	0.4649	0.4651	0.4668	0.4692	0.4716	0.4743	0.4768	0.4794
x_2	0.4499	0.5000	0.5500	0.6000	0.6499	0.6999	0.7498	0.8000	0.8499
$\nu /(\text{mm}^2/\text{s})$	0.4818	0.4846	0.4872	0.4901	0.4926	0.4954	0.4980	0.5007	0.5037
x_2	0.8999	0.9499	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.5069	0.5102	0.5135						

 $T/\text{K} = 303.15$

98K1

x_2	0.0000	0.0501	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000
$\nu /(\text{mm}^2/\text{s})$	0.4288	0.4268	0.4261	0.4262	0.4275	0.4294	0.4316	0.4339	0.4362
x_2	0.4499	0.5000	0.5500	0.6000	0.6499	0.6999	0.7498	0.8000	0.8499
$\nu /(\text{mm}^2/\text{s})$	0.4386	0.4412	0.4440	0.4470	0.4494	0.4517	0.4543	0.4567	0.4583
x_2	0.8999	0.9499	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.4620	0.4655	0.4691						

 $T/\text{K} = 313.15$

98K1

x_2	0.0000	0.0501	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000
$\nu /(\text{mm}^2/\text{s})$	0.3952	0.3926	0.3913	0.3913	0.3920	0.3934	0.3950	0.3969	0.3991
x_2	0.4499	0.5000	0.5500	0.6000	0.6499	0.6999	0.7498	0.8000	0.8499
$\nu /(\text{mm}^2/\text{s})$	0.4013	0.4036	0.4057	0.4080	0.4104	0.4131	0.4157	0.4188	0.4215
x_2	0.8999	0.9499	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.4242	0.4269	0.4299						

 $T/\text{K} = 323.15$

98K1

x_2	0.0000	0.0501	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000
$\nu /(\text{mm}^2/\text{s})$	0.3666	0.3629	0.3615	0.3613	0.3615	0.3620	0.3628	0.3640	0.3658
x_2	0.4499	0.5000	0.5500	0.6000	0.6499	0.6999	0.7498	0.8000	0.8499
$\nu /(\text{mm}^2/\text{s})$	0.3677	0.3695	0.3716	0.3736	0.3758	0.3781	0.3803	0.3826	0.3851
x_2	0.8999	0.9499	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.3881	0.3919	0.3950						

847	C₂H₃N (1) C₄H₉NO (2)		acetonitrile N,N-dimethyl-acetamide					75-05-8 127-19-5	
<i>T/K</i> = 298.15									96B2
<i>x</i> ₁	0.0000	0.1117	0.2131	0.3902	0.5399	0.6701	0.7788	0.8756	0.9610
<i>η</i> /(mPa s)	0.919	0.855	0.796	0.694	0.607	0.532	0.469	0.413	0.363
<i>x</i> ₁	1.0000								
<i>η</i> /(mPa s)	0.341								
<i>T/K</i> = 298.15									95O2
<i>x</i> ₁	0.0000	0.0996	0.2019	0.2938	0.3974	0.4970	0.5983	0.7013	0.7983
<i>η</i> /(mPa s)	0.8769	0.8371	0.7966	0.7487	0.7001	0.6422	0.5843	0.5199	0.4568
<i>x</i> ₁	0.9001	1.0000							
<i>η</i> /(mPa s)	0.3878	0.3244							
<i>T/K</i> = 298.15									85G1
<i>x</i> ₁	0.000	0.120	0.332	0.582	0.734	0.932	1.000		
<i>η</i> /(mPa s)	0.919	0.861	0.729	0.575	0.483	0.381	0.341		
848	C₂H₃N (1) C₄H₁₀O (2)		acetonitrile butan-1-ol					75-05-8 71-36-3	
<i>T/K</i> = 298.15									98N3
<i>x</i> ₁	0.0000	0.1671	0.3110	0.4362	0.5462	0.6436	0.7303	0.8082	0.8784
<i>η</i> /(mPa s)	2.571	1.475	1.029	0.770	0.605	0.484	0.441	0.403	0.387
<i>x</i> ₁	0.9420	1.0000							
<i>η</i> /(mPa s)	0.348	0.342							
<i>T/K</i> = 303.15									98N3
<i>x</i> ₁	0.0000	0.1671	0.3110	0.4362	0.5462	0.6436	0.7303	0.8082	0.8784
<i>η</i> /(mPa s)	2.271	1.336	0.937	0.706	0.566	0.457	0.408	0.381	0.367
<i>x</i> ₁	0.9420	1.0000							
<i>η</i> /(mPa s)	0.327	0.326							
<i>T/K</i> = 308.15									98N3
<i>x</i> ₁	0.0000	0.1671	0.3110	0.4362	0.5462	0.6436	0.7303	0.8082	0.8784
<i>η</i> /(mPa s)	1.981	1.204	0.849	0.650	0.535	0.431	0.391	0.361	0.347
<i>x</i> ₁	0.9420	1.0000							
<i>η</i> /(mPa s)	0.314	0.306							
<i>T/K</i> = 313.15									98N3
<i>x</i> ₁	0.0000	0.1671	0.3110	0.4362	0.5462	0.6436	0.7303	0.8082	0.8784
<i>η</i> /(mPa s)	1.692	1.071	0.777	0.598	0.487	0.423	0.384	0.346	0.332
<i>x</i> ₁	0.9420	1.0000							
<i>η</i> /(mPa s)	0.301	0.291							

$T/^\circ\text{C} = 20.0$									90G2
x_1	0.0000	0.0264	0.0530	0.0772	0.1285	0.1744	0.2566	0.3206	0.3788
$\eta/(\text{mPa s})$	2.923	2.672	2.490	2.327	1.954	1.732	1.410	1.228	1.060
x_1	0.4823	0.6224	0.6865	0.7465	0.8780	0.9486	1.0000		
$\eta/(\text{mPa s})$	0.8518	0.6398	0.5672	0.5073	0.4113	0.3766	0.3604		
$T/^\circ\text{C} = 30.0$									90G2
x_1	0.0000	0.0264	0.0530	0.0772	0.1285	0.1744	0.2566	0.3206	0.3788
$\eta/(\text{mPa s})$	2.259	2.087	1.949	1.797	1.566	1.396	1.152	1.014	0.8839
x_1	0.4823	0.6224	0.6865	0.7465	0.8780	0.9486	1.0000		
$\eta/(\text{mPa s})$	0.7196	0.5552	0.4948	0.4474	0.3693	0.3401	0.3194		
$T/^\circ\text{C} = 40.0$									90G2
x_1	0.0000	0.0264	0.0530	0.0772	0.1285	0.1744	0.2566	0.3206	0.3788
$\eta/(\text{mPa s})$	1.770	1.649	1.557	1.452	1.275	1.145	0.9643	0.8607	0.7475
x_1	0.4823	0.6224	0.6865	0.7465	0.8780	0.9486	1.0000		
$\eta/(\text{mPa s})$	0.6172	0.4873	0.4361	0.3980	0.3339	0.3098	0.2974		
$T/^\circ\text{C} = 50.0$									90G2
x_1	0.0000	0.0264	0.0530	0.0772	0.1285	0.1744	0.2566	0.3206	0.3788
$\eta/(\text{mPa s})$	1.410	1.324	1.260	1.184	1.048	0.9529	0.8113	0.7301	0.6403
x_1	0.4823	0.6224	0.6865	0.7465	0.8780	0.9486	1.0000		
$\eta/(\text{mPa s})$	0.5362	0.4283	0.3881	0.3578	0.3032	0.2833	0.2728		
$T/^\circ\text{C} = 25.0$									72M1
x_1	0.0000	0.0550	0.1178	0.1952	0.2302	0.3526	0.4775	0.5911	0.7026
$\eta/(\text{mPa s})$	2.556	2.123	1.764	1.449	1.322	1.016	0.792	0.615	0.504
x_1	0.7906	0.9094	1.0000						
$\eta/(\text{mPa s})$	0.433	0.383	0.338						
$T/^\circ\text{C} = 35.0$									72M1
x_1	0.0000	0.0550	0.1178	0.1952	0.2302	0.3526	0.4775	0.5911	0.7026
$\eta/(\text{mPa s})$	2.002	1.695	1.422	1.186	1.086	0.854	0.681	0.538	0.445
x_1	0.7906	0.9094	1.0000						
$\eta/(\text{mPa s})$	0.391	0.348	0.312						
$T/^\circ\text{C} = 45.0$									72M1
x_1	0.0000	0.0550	0.1178	0.1952	0.2302	0.3526	0.4775	0.5911	0.7026
$\eta/(\text{mPa s})$	1.574	1.365	1.159	0.978	0.899	0.721	0.585	0.472	0.397
x_1	0.7906	0.9094	1.0000						
$\eta/(\text{mPa s})$	0.352	0.320	0.288						
849	C₂H₃N (1)		acetonitrile						75-05-8
	C₄H₁₀O (2)		butan-2-ol						78-92-2

$T/^\circ\text{C} = 20.0$									90G2
x_1	0.0000	0.0355	0.0554	0.1115	0.2144	0.2568	0.3311	0.4670	0.5693
$\eta/(\text{mPa s})$	3.466	3.061	2.847	2.347	1.701	1.496	1.244	0.8669	0.6645
x_1	0.6348	0.7248	0.8130	0.8546	0.9071	0.9522	1.0000		
$\eta/(\text{mPa s})$	0.5805	0.4994	0.4586	0.4265	0.3971	0.3777	0.3604		
$T/^\circ\text{C} = 30.0$									90G2
x_1	0.0000	0.0355	0.0554	0.1115	0.2144	0.2568	0.3311	0.4670	0.5693
$\eta/(\text{mPa s})$	2.533	2.265	2.042	1.727	1.302	1.147	0.9572	0.7083	0.5647
x_1	0.6348	0.7248	0.8130	0.8546	0.9071	0.9522	1.0000		
$\eta/(\text{mPa s})$	0.5027	0.4383	0.3976	0.3797	0.3549	0.3381	0.3194		
$T/^\circ\text{C} = 40.0$									90G2
x_1	0.0000	0.0355	0.0554	0.1115	0.2144	0.2568	0.3311	0.4670	0.5693
$\eta/(\text{mPa s})$	1.799	1.578	1.501	1.311	1.037	0.9454	0.8081	0.6023	0.4856
x_1	0.6348	0.7248	0.8130	0.8546	0.9071	0.9522	1.0000		
$\eta/(\text{mPa s})$	0.4378	0.3874	0.3555	0.3417	0.3251	0.3124	0.2974		
$T/^\circ\text{C} = 50.0$									90G2
x_1	0.0000	0.0355	0.0554	0.1115	0.2144	0.2568	0.3311	0.4670	0.5693
$\eta/(\text{mPa s})$	1.311	1.189	1.135	1.017	0.8298	0.7550	0.6667	0.5307	0.4236
x_1	0.6348	0.7248	0.8130	0.8546	0.9071	0.9522	1.0000		
$\eta/(\text{mPa s})$	0.3806	0.3460	0.3243	0.3084	0.2930	0.2833	0.2728		
850	C₂H₃N (1)		acetonitrile						75-05-8
	C₄H₁₀O (2)		2-methyl-propan-1-ol						78-83-1
$T/\text{K} = 298.15$									98N3
x_1	0.0000	0.1676	0.3118	0.4373	0.5476	0.6442	0.7304	0.8083	0.8784
$\eta/(\text{mPa s})$	3.331	1.788	1.186	0.870	0.692	0.567	0.483	0.434	0.395
x_1	0.9420	1.0000							
$\eta/(\text{mPa s})$	0.371	0.342							
$T/\text{K} = 303.15$									98N3
x_1	0.0000	0.1676	0.3118	0.4373	0.5476	0.6442	0.7304	0.8083	0.8784
$\eta/(\text{mPa s})$	2.842	1.582	1.064	0.793	0.634	0.532	0.455	0.411	0.376
x_1	0.9420	1.0000							
$\eta/(\text{mPa s})$	0.362	0.326							
$T/\text{K} = 308.15$									98N3
x_1	0.0000	0.1676	0.3118	0.4373	0.5476	0.6442	0.7304	0.8083	0.8784
$\eta/(\text{mPa s})$	2.426	1.389	0.962	0.725	0.586	0.494	0.428	0.390	0.358
x_1	0.9420	1.0000							
$\eta/(\text{mPa s})$	0.344	0.306							
$T/\text{K} = 313.15$									98N3

x_1	0.0000	0.1676	0.3118	0.4373	0.5476	0.6442	0.7304	0.8083	0.8784
$\eta /(\text{mPa s})$	2.080	1.232	0.869	0.664	0.548	0.461	0.405	0.373	0.342
x_1	0.9420	1.0000							
$\eta /(\text{mPa s})$	0.324	0.291							

851	C₂H₃N (1)		acetonitrile						75-05-8
	C₄H₁₀O (2)		2-methyl-propan-2-ol						75-65-0
$T/\text{K} = 298.15$									98N3
x_1	0.0000	0.1675	0.3117	0.4368	0.5471	0.6446	0.7300	0.8084	0.8784
$\eta /(\text{mPa s})$	4.439	1.925	1.187	0.863	0.660	0.552	0.476	0.428	0.394
x_1	0.9421	1.0000							
$\eta /(\text{mPa s})$	0.376	0.342							
$T/\text{K} = 303.15$									98N3
x_1	0.0000	0.1675	0.3117	0.4368	0.5471	0.6446	0.7300	0.8084	0.8784
$\eta /(\text{mPa s})$	3.378	1.606	1.035	0.756	0.604	0.511	0.446	0.404	0.375
x_1	0.9421	1.0000							
$\eta /(\text{mPa s})$	0.359	0.326							
$T/\text{K} = 308.15$									98N3
x_1	0.0000	0.1675	0.3117	0.4368	0.5471	0.6446	0.7300	0.8084	0.8784
$\eta /(\text{mPa s})$	2.589	1.395	0.909	0.680	0.553	0.474	0.418	0.382	0.357
x_1	0.9421	1.0000							
$\eta /(\text{mPa s})$	0.342	0.306							
$T/\text{K} = 313.15$									98N3
x_1	0.0000	0.1675	0.3117	0.4368	0.5471	0.6446	0.7300	0.8084	0.8784
$\eta /(\text{mPa s})$	2.047	1.158	0.805	0.615	0.509	0.442	0.394	0.362	0.340
x_1	0.9421	1.0000							
$\eta /(\text{mPa s})$	0.330	0.291							

852	C₂H₃N (1)		acetonitrile						75-05-8
	C₄H₁₀O₂ (2)		1,2-dimethoxy-ethane						110-71-4
$T/\text{K} = 298.15$									99P3
x_2	0.0000	0.0339	0.0506	0.0637	0.0854	0.1070	0.1367	0.1610	0.1843
$\eta /(\text{mPa s})$	0.341	0.348	0.351	0.352	0.357	0.360	0.366	0.377	0.373
x_2	0.2035	0.2366	0.2722	0.2923	0.3080	0.3167	0.3528	0.3672	0.3901
$\eta /(\text{mPa s})$	0.377	0.380	0.386	0.387	0.390	0.392	0.396	0.397	0.400
x_2	0.4107	0.4383	0.4905	0.5391	0.5792	0.6374	0.6911	0.7816	0.8356
$\eta /(\text{mPa s})$	0.401	0.404	0.408	0.411	0.414	0.416	0.416	0.418	0.418
x_2	0.8598	0.8879	1.0000						
$\eta /(\text{mPa s})$	0.418	0.413	0.417						

853	C₂H₃N (1)		acetonitrile						75-05-8
	C₄H₁₀O₂ (2)		2-ethoxy-ethanol						110-80-5
<i>T</i> /K = 298.15									96A6
<i>x</i> ₂	0.0000	0.1016	0.2016	0.2865	0.4004	0.5026	0.6026	0.7122	0.7978
<i>η</i> /(mPa s)	0.390	0.458	0.546	0.638	0.790	0.946	1.128	1.346	1.524
<i>x</i> ₂	0.8997	1.0000							
<i>η</i> /(mPa s)	1.786	2.054							
<i>T</i> /K = 303.15									96A6
<i>x</i> ₂	0.0000	0.1016	0.2016	0.2865	0.4004	0.5026	0.6026	0.7122	0.7978
<i>η</i> /(mPa s)	0.333	0.389	0.461	0.535	0.655	0.781	0.921	1.075	1.236
<i>x</i> ₂	0.8997	1.0000							
<i>η</i> /(mPa s)	1.435	1.646							
<i>T</i> /K = 308.15									96A6
<i>x</i> ₂	0.0000	0.1016	0.2016	0.2865	0.4004	0.5026	0.6026	0.7122	0.7978
<i>η</i> /(mPa s)	0.319	0.370	0.435	0.501	0.608	0.721	0.845	0.978	1.122
<i>x</i> ₂	0.8997	1.0000							
<i>η</i> /(mPa s)	1.295	1.480							
854	C₂H₃N (1)		acetonitrile						75-05-8
	C₄H₁₁N (2)		butylamine						109-73-9
<i>T</i> /K = 298.15									90D2
<i>x</i> ₂	0.0000	0.1006	0.1979	0.3205	0.4054	0.5057	0.5995	0.6953	0.8082
<i>η</i> /(mPa s)	0.359	0.370	0.381	0.396	0.406	0.418	0.428	0.438	0.450
<i>x</i> ₂	0.8958	1.0000							
<i>η</i> /(mPa s)	0.459	0.470							
855	C₂H₃N (1)		acetonitrile						75-05-8
	C₅H₅N (2)		pyridine						110-86-1
<i>T</i> /°C = 15.0									88G2
<i>x</i> ₁	0.00	0.10	0.20	0.40	0.60	0.80	0.90	1.00	
<i>η</i> /(mPa s)	1.039	0.889	0.794	0.645	0.529	0.444	0.404	0.375	
<i>T</i> /°C = 25.0									88G2
<i>x</i> ₁	0.00	0.10	0.20	0.40	0.60	0.80	0.90	1.00	
<i>η</i> /(mPa s)	0.882	0.767	0.692	0.566	0.471	0.394	0.367	0.341	
<i>T</i> /°C = 35.0									88G2
<i>x</i> ₁	0.00	0.10	0.20	0.40	0.60	0.80	0.90	1.00	
<i>η</i> /(mPa s)	0.771	0.695	0.625	0.517	0.431	0.364	0.336	0.313	

856	C₂H₃N (1)		acetonitrile						75-05-8	
	C₅H₁₄OSi (2)		ethoxy-trimethyl-silane						1825-62-3	
<i>T</i> /°C = 20.0										64V1
<i>x</i> ₂	0.0000	0.0359	0.0773	0.1256	0.1826	0.2510	0.3345	0.4388	0.5727	
<i>η</i> /(mPa s)	0.3585	0.3900	0.3950	0.3981	0.4000	0.4045	0.4055	0.3948	0.3850	
<i>x</i> ₂	0.7474	1.0000								
<i>η</i> /(mPa s)	0.3700	0.3627								
857	C₂H₃N (1)		acetonitrile						75-05-8	
	C₆H₅Cl (2)		chlorobenzene						108-90-7	
<i>T</i> /°C = 25.0										69M1
<i>x</i> ₁	0.0000	0.0820	0.1809	0.2670	0.3853	0.5060	0.5957	0.6925	0.8175	
<i>η</i> /(mPa s)	0.751	0.728	0.681	0.642	0.587	0.539	0.501	0.460	0.406	
<i>x</i> ₁	0.9171	1.0000								
<i>η</i> /(mPa s)	0.367	0.338								
<i>T</i> /°C = 35.0										69M1
<i>x</i> ₁	0.0000	0.0820	0.1809	0.2670	0.3853	0.5060	0.5957	0.6925	0.8175	
<i>η</i> /(mPa s)	0.675	0.650	0.609	0.577	0.529	0.484	0.459	0.418	0.373	
<i>x</i> ₁	0.9171	1.0000								
<i>η</i> /(mPa s)	0.337	0.312								
<i>T</i> /°C = 45.0										69M1
<i>x</i> ₁	0.0000	0.0820	0.1809	0.2670	0.3853	0.5060	0.5957	0.6925	0.8175	
<i>η</i> /(mPa s)	0.603	0.584	0.548	0.524	0.480	0.446	0.418	0.381	0.343	
<i>x</i> ₁	0.9171	1.0000								
<i>η</i> /(mPa s)	0.312	0.288								
858	C₂H₃N (1)		acetonitrile						75-05-8	
	C₆H₅NO₂ (2)		nitrobenzene						98-95-3	
<i>T</i> /K = 298.15										96B2
<i>x</i> ₁	0.0000	0.1219	0.2301	0.4140	0.5644	0.6898	0.7955	0.8860	0.9645	
<i>η</i> /(mPa s)	1.811	1.550	1.339	1.022	0.799	0.639	0.523	0.436	0.371	
<i>x</i> ₁	1.0000									
<i>η</i> /(mPa s)	0.341									
<i>T</i> /K = 298.15										91J1
<i>x</i> ₂	0.0000	0.0987	0.1986	0.2998	0.3986	0.4984	0.5929	0.6928	0.7969	
<i>η</i> /(mPa s)	0.3651	0.4584	0.5581	0.6728	0.7919	0.9374	1.0757	1.2419	1.4308	
<i>x</i> ₂	0.9078	1.0000								
<i>η</i> /(mPa s)	1.6425	1.7916								

<i>T</i> /K = 303.15										91J1
<i>x</i> ₂	0.0000	0.0987	0.1986	0.2998	0.3986	0.4984	0.5929	0.6928	0.7969	
η /(mPa s)	0.3505	0.4373	0.5302	0.6350	0.7436	0.8776	1.0019	1.1516	1.3197	
<i>x</i> ₂	0.9078	1.0000								
η /(mPa s)	1.5102	1.6400								
<i>T</i> /K = 308.15										91J1
<i>x</i> ₂	0.0000	0.0987	0.1986	0.2998	0.3986	0.4984	0.5929	0.6928	0.7969	
η /(mPa s)	0.3379	0.4168	0.5022	0.5987	0.6995	0.8184	0.9334	1.0689	1.2201	
<i>x</i> ₂	0.9078	1.0000								
η /(mPa s)	1.3903	1.5054								
<i>T</i> /K = 313.15										91J1
<i>x</i> ₂	0.0000	0.0987	0.1986	0.2998	0.3986	0.4984	0.5929	0.6928	0.7969	
η /(mPa s)	0.3205	0.3972	0.4756	0.5640	0.6710	0.7658	0.8699	0.9939	1.1300	
<i>x</i> ₂	0.9078	1.0000								
η /(mPa s)	1.2790	1.3831								
<i>T</i> /°C = 25.0										88I1
<i>x</i> ₁	0.000	0.038	0.093	0.178	1.000					
η /(mPa s)	1.8415	1.756	1.637	1.469	0.344					
859	C₂H₃N (1)		acetonitrile							75-05-8
	C₆H₆ (2)		benzene							71-43-2
<i>T</i> /°C = 5.0										82G1
<i>x</i> ₁	0.45	0.51	0.56	0.66	0.74	0.88	0.94	1.00		
η /(mPa s)	0.466	0.450	0.438	0.414	0.395	0.367	0.355	0.341		
<i>T</i> /°C = 5.0										77V2
<i>x</i> ₂	0.00	0.03	0.06	0.09	0.12	0.15	0.18	0.22	0.26	
η /(mPa s)	0.419	0.425	0.431	0.438	0.447	0.454	0.464	0.474	0.484	
<i>x</i> ₂	0.30	0.34	0.39	0.44	0.49	0.55	0.61	0.68	0.75	
η /(mPa s)	0.497	0.513	0.529	0.545	0.565	0.591	0.623	0.651	0.687	
<i>x</i> ₂	0.83	0.91	1.00							
η /(mPa s)	0.729	0.775	0.823							
<i>T</i> /°C = 15.0										77V2
<i>x</i> ₂	0.00	0.03	0.06	0.09	0.12	0.15	0.18	0.22	0.26	
η /(mPa s)	0.376	0.382	0.387	0.392	0.400	0.409	0.417	0.423	0.432	
<i>x</i> ₂	0.30	0.34	0.39	0.44	0.49	0.55	0.61	0.68	0.75	
η /(mPa s)	0.443	0.457	0.470	0.482	0.499	0.520	0.544	0.568	0.594	
<i>x</i> ₂	0.83	0.91	1.00							
η /(mPa s)	0.624	0.658	0.696							

$T/^\circ\text{C} = 25.0$									77V2
x_2	0.00	0.03	0.06	0.09	0.12	0.15	0.18	0.22	0.26
$\eta/(\text{mPa s})$	0.347	0.351	0.355	0.361	0.366	0.373	0.381	0.387	0.395
x_2	0.30	0.34	0.39	0.44	0.49	0.55	0.61	0.68	0.75
$\eta/(\text{mPa s})$	0.404	0.414	0.426	0.438	0.450	0.466	0.486	0.505	0.526
x_2	0.83	0.91	1.00						
$\eta/(\text{mPa s})$	0.550	0.578	0.605						
$T/^\circ\text{C} = 35.0$									77V2
x_2	0.00	0.03	0.06	0.09	0.12	0.15	0.18	0.22	0.26
$\eta/(\text{mPa s})$	0.318	0.321	0.325	0.330	0.335	0.340	0.346	0.351	0.359
x_2	0.30	0.34	0.39	0.44	0.49	0.55	0.61	0.68	0.75
$\eta/(\text{mPa s})$	0.367	0.376	0.386	0.395	0.406	0.420	0.436	0.450	0.467
x_2	0.83	0.91	1.00						
$\eta/(\text{mPa s})$	0.486	0.506	0.527						
$T/^\circ\text{C} = 45.0$									77V2
x_2	0.00	0.03	0.06	0.09	0.12	0.15	0.18	0.22	0.26
$\eta/(\text{mPa s})$	0.290	0.294	0.297	0.300	0.306	0.310	0.315	0.320	0.325
x_2	0.30	0.34	0.39	0.44	0.49	0.55	0.61	0.68	0.75
$\eta/(\text{mPa s})$	0.331	0.339	0.346	0.354	0.363	0.374	0.386	0.398	0.413
x_2	0.83	0.91	1.00						
$\eta/(\text{mPa s})$	0.429	0.442	0.459						
$T/^\circ\text{C} = 55.0$									77V2
x_2	0.00	0.03	0.06	0.09	0.12	0.15	0.18	0.22	0.26
$\eta/(\text{mPa s})$	0.272	0.274	0.277	0.281	0.285	0.289	0.294	0.298	0.302
x_2	0.30	0.34	0.39	0.44	0.49	0.55	0.61	0.68	0.75
$\eta/(\text{mPa s})$	0.308	0.314	0.321	0.328	0.336	0.344	0.353	0.363	0.377
x_2	0.83	0.91	1.00						
$\eta/(\text{mPa s})$	0.389	0.399	0.412						
$T/^\circ\text{C} = 10.0$									74F1
x_1	0.0000	0.1061	0.2171	0.3038	0.4193	0.5393	0.6275	0.7533	0.8772
$\eta/(\text{mPa s})$	0.7575	0.7173	0.6604	0.6157	0.5644	0.5221	0.4959	0.4577	0.4137
x_1	1.0000								
$\eta/(\text{mPa s})$	0.3897								
$T/^\circ\text{C} = 20.0$									74F1
x_1	0.0000	0.1061	0.2171	0.3038	0.4193	0.5393	0.6275	0.7533	0.8772
$\eta/(\text{mPa s})$	0.6468	0.6206	0.5796	0.5467	0.5088	0.4717	0.4464	0.4136	0.3824
x_1	1.0000								
$\eta/(\text{mPa s})$	0.3550								
$T/^\circ\text{C} = 30.0$									74F1
x_1	0.0000	0.1061	0.2171	0.3038	0.4193	0.5393	0.6275	0.7533	0.8772

η /(mPa s)	0.5597	0.5459	0.5129	0.4872	0.4542	0.4230	0.4029	0.3773	0.3478
x_1	1.0000								
η /(mPa s)	0.3248								
$T/^\circ\text{C} = 40.0$									74F1
x_1	0.0000	0.1061	0.2171	0.3038	0.4193	0.5393	0.6275	0.7533	0.8772
η /(mPa s)	0.4895	0.4839	0.4591	0.4367	0.4102	0.3838	0.3651	0.3413	0.3190
x_1	1.0000								
η /(mPa s)	0.2992								
$T/^\circ\text{C} = 50.0$									74F1
x_1	0.0000	0.1061	0.2171	0.3038	0.4193	0.5393	0.6275	0.7533	0.8772
η /(mPa s)	0.4315	0.4305	0.4120	0.3944	0.3712	0.3498	0.3350	0.3136	0.2946
x_1	1.0000								
η /(mPa s)	0.2775								
$T/^\circ\text{C} = 20.0$									73F1
x_1	0.0000	0.1061	0.2171	0.3038	0.4193	0.5393	0.6275	0.7533	0.8772
η /(mPa s)	0.6468	0.6206	0.5796	0.5467	0.5088	0.4717	0.4464	0.4136	0.3824
x_1	1.0000								
η /(mPa s)	0.3550								

860 **C₂H₃N (1)** **acetonitrile** **75-05-8**
C₆H₁₂O₂ (2) **acetic acid butyl ester** **123-86-4**

$T/\text{K} = 298.15$									95O1
x_1	0.0000	0.0981	0.2003	0.3003	0.4030	0.5026	0.5972	0.6977	0.7987
η /(mPa s)	0.6438	0.6208	0.5981	0.5737	0.5485	0.5195	0.4884	0.4463	0.4071
x_1	0.8985	1.0000							
η /(mPa s)	0.3669	0.3244							

861 **C₂H₃N (1)** **acetonitrile** **75-05-8**
C₆H₁₄O₃ (2) **1-methoxy-2-(2-methoxy-ethoxy)-ethane** **111-96-6**

$T/\text{K} = 298.15$									99P3
x_2	0.0000	0.0121	0.0230	0.0444	0.0620	0.0827	0.1207	0.1437	0.1763
η /(mPa s)	0.341	0.352	0.362	0.381	0.397	0.416	0.452	0.480	0.507
x_2	0.2139	0.2405	0.2538	0.2671	0.3139	0.3505	0.3800	0.4214	0.4482
η /(mPa s)	0.538	0.563	0.565	0.592	0.629	0.663	0.682	0.714	0.732
x_2	0.5026	0.5263	0.6100	0.6524	0.7402	0.7995	0.8671	0.9455	1.0000
η /(mPa s)	0.771	0.785	0.836	0.856	0.900	0.923	0.948	0.974	0.985

862 **C₂H₃N (1)** **acetonitrile** **75-05-8**
C₆H₁₆O₂Si (2) **diethoxy-dimethyl-silane** **78-62-6**

$T/^\circ\text{C} = 20.0$										64V1
x_2	0.0000	0.0322	0.0692	0.1133	0.1654	0.2295	0.3091	0.4099	0.5438	
$\eta/(\text{mPa s})$	0.3585	0.3905	0.4060	0.4297	0.4450	0.4550	0.4635	0.4761	0.4830	
x_2	0.7282	1.0000								
$\eta/(\text{mPa s})$	0.4991	0.4823								

863 **C₂H₃N (1)** **acetonitrile** **75-05-8**
C₆H₁₆O₃Si (2) **triethoxy-silane** **998-30-1**

$T/^\circ\text{C} = 15.0$										63V2
x_2	0.0000	0.0639	0.1033	0.1494	0.2039	0.2694	0.3497	0.4504	0.5803	
$\eta/(\text{mPa s})$	0.3750	0.4397	0.4500	0.4690	0.5002	0.5130	0.5251	0.5400	0.5310	
x_2	0.7543	1.0000								
$\eta/(\text{mPa s})$	0.5300	0.5140								

864 **C₂H₃N (1)** **acetonitrile** **75-05-8**
C₇H₅N (2) **benzonitrile** **100-47-0**

$T/\text{K} = 298.15$										94G1
x_2	0.000	0.114	0.255	0.434	0.672	1.000				
$\eta/(\text{mPa s})$	0.3410	0.4517	0.5388	0.6776	0.8631	1.1958				

865 **C₂H₃N (1)** **acetonitrile** **75-05-8**
C₇H₈ (2) **toluene** **108-88-3**

$T/^\circ\text{C} = 15.0$										86R3
x_2	0.0000	0.1996	0.3590	0.4903	0.5994	0.6918	0.7710	0.8397	0.8988	
$\eta/(\text{mPa s})$	0.388	0.392	0.400	0.405	0.430	0.445	0.458	0.506	0.555	
x_2	0.9530	1.0000								
$\eta/(\text{mPa s})$	0.590	0.623								

$T/^\circ\text{C} = 25.0$										86R3
x_2	0.0000	0.1996	0.3590	0.4903	0.5994	0.6918	0.7710	0.8397	0.8988	
$\eta/(\text{mPa s})$	0.346	0.348	0.350	0.365	0.380	0.403	0.427	0.457	0.487	
x_2	0.9530	1.0000								
$\eta/(\text{mPa s})$	0.527	0.556								

$T/^\circ\text{C} = 35.0$										86R3
x_2	0.0000	0.1996	0.3590	0.4903	0.5994	0.6918	0.7710	0.8397	0.8988	
$\eta/(\text{mPa s})$	0.308	0.309	0.309	0.330	0.350	0.375	0.389	0.421	0.434	
x_2	0.9530	1.0000								
$\eta/(\text{mPa s})$	0.450	0.492								

$T/^\circ\text{C} = 10.0$									74F1
x_1	0.0000	0.1224	0.1973	0.3087	0.4318	0.5182	0.6186	0.7230	0.8745
$\eta/(\text{mPa s})$	0.6686	0.6544	0.6355	0.6067	0.5717	0.5472	0.5153	0.4830	0.4326
x_1	1.0000								
$\eta/(\text{mPa s})$	0.3897								
$T/^\circ\text{C} = 20.0$									74F1
x_1	0.0000	0.1224	0.1973	0.3087	0.4318	0.5182	0.6186	0.7230	0.8745
$\eta/(\text{mPa s})$	0.5884	0.5773	0.5630	0.5377	0.5096	0.4867	0.4621	0.4336	0.3916
x_1	1.0000								
$\eta/(\text{mPa s})$	0.3550								
$T/^\circ\text{C} = 30.0$									74F1
x_1	0.0000	0.1224	0.1973	0.3087	0.4318	0.5182	0.6186	0.7230	0.8745
$\eta/(\text{mPa s})$	0.5225	0.5134	0.5025	0.4811	0.4569	0.4388	0.4169	0.3921	0.3560
x_1	1.0000								
$\eta/(\text{mPa s})$	0.3248								
$T/^\circ\text{C} = 40.0$									74F1
x_1	0.0000	0.1224	0.1973	0.3087	0.4318	0.5182	0.6186	0.7230	0.8745
$\eta/(\text{mPa s})$	0.4680	0.4614	0.4509	0.4342	0.4129	0.3983	0.3785	0.3581	0.3262
x_1	1.0000								
$\eta/(\text{mPa s})$	0.2992								
$T/^\circ\text{C} = 50.0$									74F1
x_1	0.0000	0.1224	0.1973	0.3087	0.4318	0.5182	0.6186	0.7230	0.8745
$\eta/(\text{mPa s})$	0.4226	0.4170	0.4088	0.3932	0.3767	0.3640	0.3464	0.3288	0.3015
x_1	1.0000								
$\eta/(\text{mPa s})$	0.2775								
$T/^\circ\text{C} = 20.0$									73F1
x_1	0.0000	0.1224	0.1973	0.3087	0.4318	0.5182	0.6186	0.7230	0.8745
$\eta/(\text{mPa s})$	0.5884	0.5773	0.5630	0.5377	0.5096	0.4867	0.4621	0.4336	0.3916
x_1	1.0000								
$\eta/(\text{mPa s})$	0.3550								

866 **C₂H₃N (1)** **acetonitrile** **75-05-8**
C₇H₁₄O₂ (2) **acetic acid pentyl ester** **628-63-7**

$T/^\circ\text{C} = 25.0$									84P1
x_1	0.0000	0.1280	0.2389	0.4153	0.5471	0.6539	0.7377	0.8087	0.8683
$\eta/(\text{mPa s})$	0.861	0.808	0.762	0.684	0.616	0.556	0.506	0.461	0.423
x_1	0.9183	0.9618	1.0000						
$\eta/(\text{mPa s})$	0.392	0.364	0.340						

867	C₂H₃N (1) C₈H₈O₂ (2)		acetonitrile benzoic acid methyl ester						75-05-8 93-58-3
<i>T</i> /°C = 10.0									87G1
<i>x</i> ₂	0.000	0.134	0.255	0.373	0.480	0.570	0.666	0.752	0.837
<i>η</i> /(mPa s)	0.452	0.491	0.527	0.580	0.702	0.766	0.934	1.131	1.370
<i>x</i> ₂	0.922	1.000							
<i>η</i> /(mPa s)	1.864	2.435							
<i>T</i> /°C = 20.0									87G1
<i>x</i> ₂	0.000	0.134	0.255	0.373	0.480	0.570	0.666	0.752	0.837
<i>η</i> /(mPa s)	0.408	0.444	0.476	0.515	0.624	0.676	0.805	0.958	1.128
<i>x</i> ₂	0.922	1.000							
<i>η</i> /(mPa s)	1.508	1.879							
<i>T</i> /°C = 30.0									87G1
<i>x</i> ₂	0.000	0.134	0.255	0.373	0.480	0.570	0.666	0.752	0.837
<i>η</i> /(mPa s)	0.371	0.400	0.430	0.460	0.551	0.595	0.695	0.814	0.950
<i>x</i> ₂	0.922	1.000							
<i>η</i> /(mPa s)	1.226	1.523							
<i>T</i> /°C = 40.0									87G1
<i>x</i> ₂	0.000	0.134	0.255	0.373	0.480	0.570	0.666	0.752	0.837
<i>η</i> /(mPa s)	0.339	0.365	0.387	0.410	0.500	0.521	0.608	0.701	0.811
<i>x</i> ₂	0.922	1.000							
<i>η</i> /(mPa s)	1.016	1.238							
<i>T</i> /°C = 50.0									87G1
<i>x</i> ₂	0.000	0.134	0.255	0.373	0.480	0.570	0.666	0.752	0.837
<i>η</i> /(mPa s)	0.309	0.329	0.351	0.367	0.446	0.467	0.531	0.602	0.691
<i>x</i> ₂	0.922	1.000							
<i>η</i> /(mPa s)	0.854	1.016							
<i>T</i> /°C = 10.0									88G1
<i>x</i> ₂	0.000	0.134	0.255	0.373	0.480	0.570	0.666	0.752	0.837
<i>v</i> /(mm ² /s)	0.570	0.596	0.611	0.651	0.762	0.794	0.942	1.105	1.303
<i>x</i> ₂	0.922	1.000							
<i>v</i> /(mm ² /s)	1.736	2.215							
<i>T</i> /°C = 20.0									88G1
<i>x</i> ₂	0.000	0.134	0.255	0.373	0.480	0.570	0.666	0.752	0.837
<i>v</i> /(mm ² /s)	0.522	0.546	0.558	0.586	0.685	0.708	0.820	0.946	1.084
<i>x</i> ₂	0.922	1.000							
<i>v</i> /(mm ² /s)	1.418	1.725							
<i>T</i> /°C = 30.0									88G1
<i>x</i> ₂	0.000	0.134	0.255	0.373	0.480	0.570	0.666	0.752	0.837

$v/(mm^2/s)$	0.481	0.499	0.510	0.531	0.612	0.629	0.716	0.810	0.921
x_2	0.922	1.000							
$v/(mm^2/s)$	1.163	1.410							
$T/^\circ C = 40.0$									88G1
x_2	0.000	0.134	0.255	0.373	0.480	0.570	0.666	0.752	0.837
$v/(mm^2/s)$	0.446	0.462	0.466	0.479	0.561	0.558	0.633	0.705	0.794
x_2	0.922	1.000							
$v/(mm^2/s)$	0.973	1.159							
$T/^\circ C = 50.0$									88G1
x_2	0.000	0.134	0.255	0.373	0.480	0.570	0.666	0.752	0.837
$v/(mm^2/s)$	0.412	0.422	0.428	0.435	0.507	0.505	0.559	0.612	0.683
x_2	0.922	1.000							
$v/(mm^2/s)$	0.825	0.959							
868	C₂H₃N (1)		acetonitrile						75-05-8
	C₈H₁₀ (2)		1,2-dimethyl-benzene						95-47-6
$T/^\circ C = 10.0$									74F1
x_1	0.0000	0.1937	0.2807	0.3123	0.4225	0.5113	0.6108	0.7283	0.9158
$\eta/(mPa\ s)$	0.9367	0.8452	0.7998	0.7887	0.7249	0.6771	0.6181	0.5502	0.4457
x_1	1.0000								
$\eta/(mPa\ s)$	0.3897								
$T/^\circ C = 20.0$									74F1
x_1	0.0000	0.1937	0.2807	0.3123	0.4225	0.5113	0.6108	0.7283	0.9158
$\eta/(mPa\ s)$	0.8097	0.7352	0.6998	0.6847	0.6386	0.5976	0.5491	0.4925	0.4006
x_1	1.0000								
$\eta/(mPa\ s)$	0.3550								
$T/^\circ C = 30.0$									74F1
x_1	0.0000	0.1937	0.2807	0.3123	0.4225	0.5113	0.6108	0.7283	0.9158
$\eta/(mPa\ s)$	0.7076	0.6469	0.6173	0.6036	0.5654	0.5315	0.4918	0.4410	0.3620
x_1	1.0000								
$\eta/(mPa\ s)$	0.3248								
$T/^\circ C = 40.0$									74F1
x_1	0.0000	0.1937	0.2807	0.3123	0.4225	0.5113	0.6108	0.7283	0.9158
$\eta/(mPa\ s)$	0.6217	0.5720	0.5481	0.5395	0.5063	0.4762	0.4418	0.4000	0.3345
x_1	1.0000								
$\eta/(mPa\ s)$	0.2992								
$T/^\circ C = 50.0$									74F1
x_1	0.0000	0.1937	0.2807	0.3123	0.4225	0.5113	0.6108	0.7283	0.9158
$\eta/(mPa\ s)$	0.5539	0.5122	0.4922	0.4847	0.4565	0.4307	0.4011	0.3638	0.3039

x_1 1.0000
 $\eta / (\text{mPa s})$ 0.2775

$T / ^\circ\text{C} = 20.0$

73F1

x_1	0.0000	0.1937	0.2807	0.3123	0.4225	0.5113	0.6108	0.7283	0.9158
$\eta / (\text{mPa s})$	0.8097	0.7352	0.6998	0.6847	0.6386	0.5976	0.5491	0.4925	0.4006

x_1 1.0000
 $\eta / (\text{mPa s})$ 0.3550

869	C₂H₃N (1)	acetonitrile							75-05-8
	C₈H₁₀ (2)	1,3-dimethyl-benzene							108-38-3

$T / ^\circ\text{C} = 10.0$

74F1

x_1	0.0000	0.1443	0.2238	0.3314	0.4415	0.5077	0.6085	0.7255	0.8983
$\eta / (\text{mPa s})$	0.6981	0.6851	0.6677	0.6397	0.6044	0.5857	0.5524	0.5106	0.4451

x_1 1.0000
 $\eta / (\text{mPa s})$ 0.3897

$T / ^\circ\text{C} = 20.0$

74F1

x_1	0.0000	0.1443	0.2238	0.3314	0.4415	0.5077	0.6085	0.7255	0.8983
$\eta / (\text{mPa s})$	0.6160	0.6048	0.5887	0.5657	0.5396	0.5223	0.4939	0.4592	0.4002

x_1 1.0000
 $\eta / (\text{mPa s})$ 0.3550

$T / ^\circ\text{C} = 30.0$

74F1

x_1	0.0000	0.1443	0.2238	0.3314	0.4415	0.5077	0.6085	0.7255	0.8983
$\eta / (\text{mPa s})$	0.5492	0.5405	0.5268	0.5085	0.4842	0.4692	0.4440	0.4139	0.3629

x_1 1.0000
 $\eta / (\text{mPa s})$ 0.3248

$T / ^\circ\text{C} = 40.0$

74F1

x_1	0.0000	0.1443	0.2238	0.3314	0.4415	0.5077	0.6085	0.7255	0.8983
$\eta / (\text{mPa s})$	0.4923	0.4856	0.4747	0.4562	0.4372	0.4245	0.4043	0.3764	0.3309

x_1 1.0000
 $\eta / (\text{mPa s})$ 0.2992

$T / ^\circ\text{C} = 50.0$

74F1

x_1	0.0000	0.1443	0.2238	0.3314	0.4415	0.5077	0.6085	0.7255	0.8983
$\eta / (\text{mPa s})$	0.4460	0.4400	0.4309	0.4154	0.3983	0.3873	0.3700	0.3453	0.3052

x_1 1.0000
 $\eta / (\text{mPa s})$ 0.2775

$T / ^\circ\text{C} = 20.0$

73F1

x_1	0.0000	0.1443	0.2238	0.3314	0.4415	0.5077	0.6085	0.7255	0.8983
$\eta / (\text{mPa s})$	0.6160	0.6048	0.5887	0.5657	0.5396	0.5223	0.4939	0.4592	0.4002

x_1 1.0000

$\eta /(\text{mPa s})$ 0.3550

870 **C₂H₃N (1)** **acetonitrile** **75-05-8**
 C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

 $T / ^\circ\text{C} = 20.0$ 74F1

x_1 0.0000 0.1091 0.2149 0.3206 0.4158 0.4884 0.6111 0.7384 0.8858
 $\eta /(\text{mPa s})$ 0.6429 0.6344 0.6115 0.5913 0.5636 0.5429 0.5031 0.4571 0.4001

x_1 1.0000
 $\eta /(\text{mPa s})$ 0.3550

 $T / ^\circ\text{C} = 30.0$ 74F1

x_1 0.0000 0.1443 0.2238 0.3314 0.4415 0.5077 0.6085 0.7255 0.8983
 $\eta /(\text{mPa s})$ 0.5690 0.5568 0.5435 0.5232 0.5018 0.4856 0.4525 0.4120 0.3628

x_1 1.0000
 $\eta /(\text{mPa s})$ 0.3248

 $T / ^\circ\text{C} = 40.0$ 74F1

x_1 0.0000 0.1443 0.2238 0.3314 0.4415 0.5077 0.6085 0.7255 0.8983
 $\eta /(\text{mPa s})$ 0.5086 0.4980 0.4861 0.4703 0.4519 0.4370 0.4084 0.3738 0.3316

x_1 1.0000
 $\eta /(\text{mPa s})$ 0.2992

 $T / ^\circ\text{C} = 50.0$ 74F1

x_1 0.0000 0.1443 0.2238 0.3314 0.4415 0.5077 0.6085 0.7255 0.8983
 $\eta /(\text{mPa s})$ 0.4577 0.4492 0.4394 0.4258 0.4098 0.3969 0.3724 0.3400 0.3061

x_1 1.0000
 $\eta /(\text{mPa s})$ 0.2775

 $T / ^\circ\text{C} = 20.0$ 73F1

x_1 0.0000 0.1091 0.2149 0.3206 0.4158 0.4884 0.6111 0.7384 0.8858
 $\eta /(\text{mPa s})$ 0.6429 0.6344 0.6115 0.5913 0.5636 0.5429 0.5031 0.4571 0.4001

x_1 1.0000
 $\eta /(\text{mPa s})$ 0.3550

871 **C₂H₃N (1)** **acetonitrile** **75-05-8**
 C₈H₁₈O₄ (2) **1,2-bis-(2-methoxy-ethoxy)-ethane** **112-49-2**

 $T / \text{K} = 298.15$ 99P3

x_2 0.0000 0.0088 0.0210 0.0301 0.0575 0.0925 0.1237 0.1477 0.1809
 $\eta /(\text{mPa s})$ 0.341 0.355 0.376 0.392 0.442 0.509 0.569 0.619 0.689

x_2 0.2182 0.2528 0.2809 0.2958 0.3483 0.3885 0.4353 0.4731 0.5015
 $\eta /(\text{mPa s})$ 0.768 0.843 0.908 0.938 1.052 1.137 1.235 1.305 1.349

x_2 0.5698 0.6518 0.6661 0.7499 0.7727 0.7887 0.8757 0.9459 1.0000
 $\eta /(\text{mPa s})$ 1.467 1.580 1.616 1.720 1.749 1.769 1.860 1.938 2.007

872	C₂H₃N (1)		acetonitrile						75-05-8
	C₈H₂₀O₄Si (2)		silicic acid tetraethyl ester						78-10-4
<i>T</i> /°C = 15.0									63V1
<i>x</i> ₂	0.0000	0.0254	0.0554	0.0913	0.1351	0.1899	0.2601	0.3535	0.4839
<i>η</i> /(mPa s)	0.3750	0.4001	0.4300	0.4682	0.5000	0.5465	0.5845	0.6250	0.6649
<i>x</i> ₂	0.6784	1.0000							
<i>η</i> /(mPa s)	0.7151	0.7634							
873	C₂H₃N (1)		acetonitrile						75-05-8
	C₉H₁₀O₂ (2)		benzoic acid ethyl ester						93-89-0
<i>T</i> /°C = 10.0									87G1
<i>x</i> ₂	0.000	0.129	0.250	0.362	0.469	0.571	0.657	0.756	0.832
<i>η</i> /(mPa s)	0.452	0.515	0.550	0.632	0.711	0.828	0.989	1.271	1.637
<i>x</i> ₂	0.914	1.000							
<i>η</i> /(mPa s)	2.208	2.597							
<i>T</i> /°C = 20.0									87G1
<i>x</i> ₂	0.000	0.129	0.250	0.362	0.469	0.571	0.657	0.756	0.832
<i>η</i> /(mPa s)	0.408	0.465	0.496	0.554	0.627	0.714	0.843	1.056	1.362
<i>x</i> ₂	0.914	1.000							
<i>η</i> /(mPa s)	1.764	2.013							
<i>T</i> /°C = 30.0									87G1
<i>x</i> ₂	0.000	0.129	0.250	0.362	0.469	0.571	0.657	0.756	0.832
<i>η</i> /(mPa s)	0.371	0.416	0.444	0.495	0.551	0.621	0.721	0.897	1.120
<i>x</i> ₂	0.914	1.000							
<i>η</i> /(mPa s)	1.418	1.597							
<i>T</i> /°C = 40.0									87G1
<i>x</i> ₂	0.000	0.129	0.250	0.362	0.469	0.571	0.657	0.756	0.832
<i>η</i> /(mPa s)	0.339	0.378	0.403	0.443	0.491	0.549	0.631	0.764	0.939
<i>x</i> ₂	0.914	1.000							
<i>η</i> /(mPa s)	1.161	1.284							
<i>T</i> /°C = 50.0									87G1
<i>x</i> ₂	0.000	0.129	0.250	0.362	0.469	0.571	0.657	0.756	0.832
<i>η</i> /(mPa s)	0.309	0.340	0.362	0.397	0.436	0.485	0.550	0.659	0.799
<i>x</i> ₂	0.914	1.000							
<i>η</i> /(mPa s)	0.972	1.058							
<i>T</i> /°C = 10.0									88G1
<i>x</i> ₂	0.000	0.129	0.250	0.362	0.469	0.571	0.657	0.756	0.832

$\nu /(\text{mm}^2/\text{s})$	0.570	0.628	0.646	0.718	0.786	0.892	1.039	1.296	1.608
x_2	0.914	1.000							
$\nu /(\text{mm}^2/\text{s})$	2.120	2.456							
$T/^\circ\text{C} = 20.0$									88G1
x_2	0.000	0.129	0.250	0.362	0.469	0.571	0.657	0.756	0.832
$\nu /(\text{mm}^2/\text{s})$	0.522	0.575	0.593	0.638	0.701	0.778	0.892	1.088	1.351
x_2	0.914	1.000							
$\nu /(\text{mm}^2/\text{s})$	1.709	1.921							
$T/^\circ\text{C} = 30.0$									88G1
x_2	0.000	0.129	0.250	0.362	0.469	0.571	0.657	0.756	0.832
$\nu /(\text{mm}^2/\text{s})$	0.481	0.522	0.538	0.576	0.623	0.684	0.772	0.932	1.121
x_2	0.914	1.000							
$\nu /(\text{mm}^2/\text{s})$	1.386	1.538							
$T/^\circ\text{C} = 40.0$									88G1
x_2	0.000	0.129	0.250	0.362	0.469	0.571	0.657	0.756	0.832
$\nu /(\text{mm}^2/\text{s})$	0.446	0.480	0.495	0.523	0.563	0.613	0.684	0.803	0.949
x_2	0.914	1.000							
$\nu /(\text{mm}^2/\text{s})$	1.146	1.250							
$T/^\circ\text{C} = 50.0$									88G1
x_2	0.000	0.129	0.250	0.362	0.469	0.571	0.657	0.756	0.832
$\nu /(\text{mm}^2/\text{s})$	0.412	0.437	0.450	0.473	0.505	0.547	0.602	0.699	0.815
x_2	0.914	1.000							
$\nu /(\text{mm}^2/\text{s})$	0.967	1.037							
874	$\text{C}_2\text{H}_3\text{N}$ (1)		acetonitrile						75-05-8
	$\text{C}_{10}\text{H}_{12}\text{O}_2$ (2)		benzoic acid propyl ester						2315-68-6
$T/^\circ\text{C} = 10.0$									87G1
x_2	0.000	0.127	0.247	0.362	0.467	0.567	0.658	0.748	0.842
$\eta /(\text{mPa s})$	0.452	0.488	0.533	0.619	0.702	0.887	1.044	1.344	1.797
x_2	0.928	1.000							
$\eta /(\text{mPa s})$	2.686	3.451							
$T/^\circ\text{C} = 20.0$									87G1
x_2	0.000	0.127	0.247	0.362	0.467	0.567	0.658	0.748	0.842
$\eta /(\text{mPa s})$	0.408	0.439	0.480	0.544	0.614	0.755	0.879	1.113	1.522
x_2	0.928	1.000							
$\eta /(\text{mPa s})$	2.048	2.586							
$T/^\circ\text{C} = 30.0$									87G1
x_2	0.000	0.127	0.247	0.362	0.467	0.567	0.658	0.748	0.842
$\eta /(\text{mPa s})$	0.371	0.397	0.430	0.484	0.540	0.654	0.749	0.929	1.237

x_2	0.928	1.000							
$\eta /(\text{mPa s})$	1.609	2.013							
$T / ^\circ\text{C} = 40.0$									87G1
x_2	0.000	0.127	0.247	0.362	0.467	0.567	0.658	0.748	0.842
$\eta /(\text{mPa s})$	0.339	0.362	0.386	0.431	0.479	0.570	0.652	0.786	1.025
x_2	0.928	1.000							
$\eta /(\text{mPa s})$	1.307	1.604							
$T / ^\circ\text{C} = 50.0$									87G1
x_2	0.000	0.127	0.247	0.362	0.467	0.567	0.658	0.748	0.842
$\eta /(\text{mPa s})$	0.309	0.326	0.346	0.386	0.424	0.499	0.564	0.670	0.853
x_2	0.928	1.000							
$\eta /(\text{mPa s})$	1.075	1.301							
$T / ^\circ\text{C} = 10.0$									88G1
x_2	0.000	0.127	0.247	0.362	0.467	0.567	0.658	0.748	0.842
$\nu /(\text{mm}^2/\text{s})$	0.570	0.597	0.634	0.718	0.790	0.968	1.111	1.384	1.823
x_2	0.928	1.000							
$\nu /(\text{mm}^2/\text{s})$	2.672	3.335							
$T / ^\circ\text{C} = 20.0$									88G1
x_2	0.000	0.127	0.247	0.362	0.467	0.567	0.658	0.748	0.842
$\nu /(\text{mm}^2/\text{s})$	0.522	0.544	0.579	0.640	0.698	0.835	0.946	1.159	1.561
x_2	0.928	1.000							
$\nu /(\text{mm}^2/\text{s})$	2.058	2.520							
$T / ^\circ\text{C} = 30.0$									88G1
x_2	0.000	0.127	0.247	0.362	0.467	0.567	0.658	0.748	0.842
$\nu /(\text{mm}^2/\text{s})$	0.481	0.498	0.524	0.576	0.622	0.729	0.815	0.977	1.280
x_2	0.928	1.000							
$\nu /(\text{mm}^2/\text{s})$	1.632	1.976							
$T / ^\circ\text{C} = 40.0$									88G1
x_2	0.000	0.127	0.247	0.362	0.467	0.567	0.658	0.748	0.842
$\nu /(\text{mm}^2/\text{s})$	0.446	0.460	0.476	0.519	0.559	0.644	0.717	0.837	1.073
x_2	0.928	1.000							
$\nu /(\text{mm}^2/\text{s})$	1.338	1.593							
$T / ^\circ\text{C} = 50.0$									88G1
x_2	0.000	0.127	0.247	0.362	0.467	0.567	0.658	0.748	0.842
$\nu /(\text{mm}^2/\text{s})$	0.412	0.421	0.434	0.471	0.500	0.570	0.626	0.720	0.901
x_2	0.928	1.000							
$\nu /(\text{mm}^2/\text{s})$	1.111	1.303							

875

$\text{C}_2\text{H}_3\text{N}$ (1)
 $\text{C}_{10}\text{H}_{22}\text{O}_5$ (2)

acetonitrile
 1,11-dimethoxy-3,6,9-trioxa-undecane

75-05-8
 143-24-8

$T/K = 298.15$

99P3

x_2	0.0000	0.0056	0.0107	0.0144	0.0189	0.0240	0.0364	0.0590	0.0874
$\eta /(\text{mPa s})$	0.341	0.355	0.369	0.378	0.390	0.404	0.437	0.505	0.596
x_2	0.1165	0.1388	0.1615	0.1908	0.2188	0.2677	0.2904	0.3252	0.3733
$\eta /(\text{mPa s})$	0.695	0.776	0.860	0.974	1.085	1.283	1.376	1.514	1.699
x_2	0.4510	0.5325	0.5725	0.6128	0.6695	0.7087	0.7633	0.8021	0.9071
$\eta /(\text{mPa s})$	1.993	2.268	2.393	2.511	2.665	2.765	2.885	2.965	3.153
x_2	0.9588	1.0000							
$\eta /(\text{mPa s})$	3.227	3.295							

876

C₂H₃N (1)
C₁₁H₁₄O₂ (2)**acetonitrile**
benzoic acid butyl ester**75-05-8**
136-60-7 $T/^\circ\text{C} = 10.0$

87G1

x_2	0.000	0.125	0.244	0.355	0.463	0.563	0.654	0.750	0.830
$\eta /(\text{mPa s})$	0.452	0.490	0.546	0.601	0.728	0.895	1.140	1.436	1.954
x_2	0.919	1.000							
$\eta /(\text{mPa s})$	2.775	3.802							

 $T/^\circ\text{C} = 20.0$

87G1

x_2	0.000	0.125	0.244	0.355	0.463	0.563	0.654	0.750	0.830
$\eta /(\text{mPa s})$	0.408	0.446	0.486	0.533	0.629	0.762	0.956	1.173	1.570
x_2	0.919	1.000							
$\eta /(\text{mPa s})$	2.131	2.835							

 $T/^\circ\text{C} = 30.0$

87G1

x_2	0.000	0.125	0.244	0.355	0.463	0.563	0.654	0.750	0.830
$\eta /(\text{mPa s})$	0.371	0.402	0.434	0.472	0.551	0.655	0.808	0.979	1.270
x_2	0.919	1.000							
$\eta /(\text{mPa s})$	1.690	2.189							

 $T/^\circ\text{C} = 40.0$

87G1

x_2	0.000	0.125	0.244	0.355	0.463	0.563	0.654	0.750	0.830
$\eta /(\text{mPa s})$	0.339	0.364	0.392	0.424	0.483	0.567	0.696	0.825	1.056
x_2	0.919	1.000							
$\eta /(\text{mPa s})$	1.368	1.730							

 $T/^\circ\text{C} = 50.0$

87G1

x_2	0.000	0.125	0.244	0.355	0.463	0.563	0.654	0.750	0.830
$\eta /(\text{mPa s})$	0.309	0.313	0.352	0.382	0.430	0.461	0.603	0.667	0.900
x_2	0.919	1.000							
$\eta /(\text{mPa s})$	1.119	1.388							

 $T/^\circ\text{C} = 10.0$

88G1

x_2	0.000	0.125	0.244	0.355	0.463	0.563	0.654	0.750	0.830
$\nu /(\text{mm}^2/\text{s})$	0.570	0.603	0.653	0.700	0.828	0.991	1.222	1.514	2.008
x_2	0.919	1.000							
$\nu /(\text{mm}^2/\text{s})$	2.792	3.747							
$T/^\circ\text{C} = 20.0$									88G1
x_2	0.000	0.125	0.244	0.355	0.463	0.563	0.654	0.750	0.830
$\nu /(\text{mm}^2/\text{s})$	0.522	0.555	0.589	0.628	0.723	0.853	1.036	1.249	1.629
x_2	0.919	1.000							
$\nu /(\text{mm}^2/\text{s})$	2.164	2.820							
$T/^\circ\text{C} = 30.0$									88G1
x_2	0.000	0.125	0.244	0.355	0.463	0.563	0.654	0.750	0.830
$\nu /(\text{mm}^2/\text{s})$	0.481	0.506	0.533	0.563	0.641	0.742	0.855	1.053	1.330
x_2	0.919	1.000							
$\nu /(\text{mm}^2/\text{s})$	1.729	2.195							
$T/^\circ\text{C} = 40.0$									88G1
x_2	0.000	0.125	0.244	0.355	0.463	0.563	0.654	0.750	0.830
$\nu /(\text{mm}^2/\text{s})$	0.446	0.465	0.487	0.512	0.569	0.650	0.770	0.897	1.117
x_2	0.919	1.000							
$\nu /(\text{mm}^2/\text{s})$	1.414	1.750							
$T/^\circ\text{C} = 50.0$									88G1
x_2	0.000	0.125	0.244	0.355	0.463	0.563	0.654	0.750	0.830
$\nu /(\text{mm}^2/\text{s})$	0.412	0.406	0.443	0.467	0.512	0.533	0.673	0.732	0.960
x_2	0.919	1.000							
$\nu /(\text{mm}^2/\text{s})$	1.166	1.414							

877	C₂H₄ (1)		ethene						74-85-1
	C₂H₆ (2)		ethane						74-84-0
$x_2 = 0.000$									40G1
T/K	105.0	108.0	110.4	129.8	138.4	148.8	156.8	168.2	
$\eta /(\text{mPa s})$	0.660	0.600	0.553	0.334	0.282	0.231	0.197	0.164	
$x_2 = 0.180$									40G1
T/K	102.6	104.8	107.8	109.7	110.0	111.2	146.7	152.7	157.4
$\eta /(\text{mPa s})$	0.739	0.665	0.604	0.560	0.552	0.537	0.234	0.211	0.196
T/K	160.8								
$\eta /(\text{mPa s})$	0.185								
$x_2 = 0.576$									40G1
T/K	102.0	104.8	107.8	109.7	111.2	145.0	154.3	156.7	
$\eta /(\text{mPa s})$	0.734	0.654	0.594	0.557	0.541	0.253	0.216	0.209	
$x_2 = 1.000$									40G1

T/K	101.2	103.3	105.7	108.0	111.1	111.4	149.5	150.3
$\eta /(\text{mPa s})$	0.878	0.787	0.729	0.675	0.634	0.615	0.277	0.271
T/K	150.8	159.8	160.1	166.8	167.3			
$\eta /(\text{mPa s})$	0.270	0.236	0.225	0.207	0.203			

878	C₂H₄Br₂ (1)	C₆H₆ (2)	1,2-dibromo-ethane benzene						106-93-4 71-43-2
$T/K = 298.15$									92K1
x_1	0.0514	0.1027	0.1539	0.2049	0.3063	0.4072	0.5075	0.6072	0.8048
$\eta /(\text{mPa s})$	0.617	0.637	0.656	0.681	0.743	0.812	0.907	0.999	1.231
$T/K = 298.15$									76D1
x_1	0.0000	0.0999	0.2016	0.3120	0.4109	0.5099	0.6073	0.7101	0.8038
$\eta /(\text{mPa s})$	0.6038	0.6395	0.6889	0.8229	0.8428	0.8941	1.0336	1.1159	1.2527
x_1	0.9005	1.0000							
$\eta /(\text{mPa s})$	1.4225	1.6159							
$T/K = 308.15$									76D1
x_1	0.0000	0.1052	0.2078	0.3146	0.4086	0.5068	0.6088	0.7019	0.8028
$\eta /(\text{mPa s})$	0.5270	0.5588	0.6034	0.6379	0.7026	0.7767	0.8569	0.9610	1.1280
x_1	0.9019	1.0000							
$\eta /(\text{mPa s})$	1.2190	1.3843							
$T/^\circ\text{C} = 25.0$									56A1
x_2	0.0000	0.0888	0.2110	0.2904	0.4062	0.4951	0.5687	0.6685	0.8082
$\eta /(\text{mPa s})$	1.6031	1.4146	1.2244	1.1079	0.9740	0.8819	0.8218	0.7534	0.6718
x_2	0.8677	1.0000							
$\eta /(\text{mPa s})$	0.6493	0.6029							
$T/^\circ\text{C} = 45.0$									56A1
x_2	0.0000	0.0888	0.2110	0.2904	0.4062	0.4951	0.5687	0.6685	0.8082
$\eta /(\text{mPa s})$	1.2156	1.0848	0.9451	0.8629	0.7622	0.6920	0.6466	0.5890	0.5252
x_2	0.8677	1.0000							
$\eta /(\text{mPa s})$	0.4980	0.4625							
$T/^\circ\text{C} = 65.0$									56A1
x_2	0.0000	0.0888	0.2110	0.2904	0.4062	0.4951	0.5687	0.6685	0.8082
$\eta /(\text{mPa s})$	0.9589	0.8504	0.7536	0.6912	0.6128	0.5574	0.5203	0.4725	0.4194
x_2	0.8677	1.0000							
$\eta /(\text{mPa s})$	0.3992	0.3645							
$T/K = 298.15$									76D1
x_1	0.0000	0.0999	0.2016	0.3120	0.4109	0.5099	0.6073	0.7101	0.8038
$\nu /(\text{mm}^2/\text{s})$	0.6911	0.6402	0.6087	0.5899	0.5919	0.6067	0.6215	0.6349	0.6563

x_1	0.9005	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.6991	0.7459							
$T/\text{K} = 308.15$									76D1
x_1	0.0000	0.1052	0.2078	0.3146	0.4086	0.5068	0.6088	0.7019	0.8028
$\nu /(\text{mm}^2/\text{s})$	0.6265	0.5715	0.5419	0.5203	0.5160	0.5189	0.5283	0.5473	0.5890
x_1	0.9019	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.6050	0.6452							
879	$\text{C}_2\text{H}_4\text{Br}_2$ (1) C_6H_{12} (2)		1,2-dibromo-ethane cyclohexane						106-93-4 110-82-7
$T/\text{K} = 298.15$									76D1
x_1	0.0000	0.1283	0.2453	0.3514	0.4599	0.5537	0.6465	0.7406	0.8327
$\eta /(\text{mPa s})$	0.9009	0.8597	0.8556	0.9260	0.9659	1.0091	1.1048	1.2075	1.3106
x_1	0.9100	1.0000							
$\eta /(\text{mPa s})$	1.4505	1.6159							
$T/\text{K} = 308.15$									76D1
x_1	0.0000	0.1562	0.2398	0.3629	0.4545	0.5559	0.6741	0.7424	0.8334
$\eta /(\text{mPa s})$	0.7570	0.7122	0.7673	0.8116	0.8447	0.9064	1.0209	1.0552	1.1447
x_1	0.9281	1.0000							
$\eta /(\text{mPa s})$	1.2856	1.3843							
$T/\text{K} = 298.15$									76D1
x_1	0.0000	0.1283	0.2453	0.3514	0.4599	0.5537	0.6465	0.7406	0.8327
$\nu /(\text{mm}^2/\text{s})$	1.1644	0.9415	0.8838	0.7732	0.7295	0.7098	0.6991	0.6924	0.6965
x_1	0.9100	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.7205	0.7459							
$T/\text{K} = 308.15$									76D1
x_1	0.0000	0.1562	0.2398	0.3629	0.4545	0.5559	0.6741	0.7424	0.8334
$\nu /(\text{mm}^2/\text{s})$	0.9899	0.7973	0.7374	0.6813	0.6466	0.6278	0.6305	0.6124	0.6144
x_1	0.9281	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.6231	0.6452							
880	$\text{C}_2\text{H}_4\text{Br}_2$ (1) C_6H_{14} (2)		1,2-dibromo-ethane hexane						106-93-4 110-54-3
$T/^\circ\text{C} = 25.0$									95K2
x_1	0.2	0.4	0.6	0.8	1.0				
$\eta /(\text{mPa s})$	0.37	0.43	0.50	0.90	1.60				
881	$\text{C}_2\text{H}_4\text{Br}_2$ (1) C_7H_8 (2)		1,2-dibromo-ethane toluene						106-93-4 108-88-3

$T/K = 298.15$									92K1
x_1	0.0609	0.1203	0.1785	0.2354	0.3454	0.4508	0.5518	0.6487	0.8312
$\eta /(\text{mPa s})$	0.587	0.611	0.645	0.674	0.742	0.833	0.914	1.011	1.267
$T/K = 298.15$									76D1
x_1	0.0000	0.1229	0.2578	0.3480	0.4549	0.5548	0.6537	0.7460	0.8331
$\eta /(\text{mPa s})$	0.5578	0.6433	0.6736	0.7383	0.8563	0.9001	1.0153	1.1052	1.2682
x_1	0.9171	1.0000							
$\eta /(\text{mPa s})$	1.3810	1.6159							
$T/K = 308.15$									76D1
x_1	0.0000	0.1176	0.2377	0.3568	0.4489	0.5524	0.6520	0.7416	0.8319
$\eta /(\text{mPa s})$	0.5011	0.5499	0.6000	0.6572	0.7283	0.8275	0.9069	0.9937	1.1107
x_1	0.9144	1.0000							
$\eta /(\text{mPa s})$	1.2333	1.3843							
$T/K = 298.15$									76D1
x_1	0.0000	0.1229	0.2578	0.3480	0.4549	0.5548	0.6537	0.7460	0.8331
$\nu /(\text{mm}^2/\text{s})$	0.6469	0.6047	0.5919	0.5846	0.5866	0.5919	0.6148	0.6302	0.6617
x_1	0.9171	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.6951	0.7459							
$T/K = 308.15$									76D1
x_1	0.0000	0.1176	0.2377	0.3568	0.4489	0.5524	0.6520	0.7416	0.8319
$\nu /(\text{mm}^2/\text{s})$	0.5884	0.5634	0.5405	0.5257	0.5338	0.5526	0.5573	0.5688	0.5889
x_1	0.9144	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.6104	0.6452							
882	$\text{C}_2\text{H}_4\text{Br}_2$ (1)	C_8H_{10} (2)	1,2-dibromo-ethane 1,2-dimethyl-benzene						106-93-4 95-47-6
$T/K = 298.15$									92K1
x_1	0.0685	0.1344	0.1978	0.2589	0.3745	0.4823	0.5828	0.6710	0.8482
$\eta /(\text{mPa s})$	0.777	0.809	0.845	0.881	0.939	1.018	1.097	1.183	1.387
$T/K = 298.15$									76D1
x_1	0.0000	0.1292	0.2610	0.3856	0.4919	0.5850	0.6829	0.7597	0.8472
$\eta /(\text{mPa s})$	0.7587	0.7932	0.8771	0.9602	1.0317	1.0980	1.1817	1.2630	1.3736
x_1	0.9267	1.0000							
$\eta /(\text{mPa s})$	1.4870	1.6159							
$T/K = 308.15$									76D1
x_1	0.0000	0.1371	0.2566	0.3821	0.4845	0.5874	0.6798	0.7647	0.8499
$\eta /(\text{mPa s})$	0.5381	0.5822	0.6257	0.6992	0.7526	0.8292	0.9216	1.0178	1.1541

x_1	0.9258	1.0000
η /(mPa s)	1.2729	1.3843

$T/K = 298.15$

76D1

x_1	0.0000	0.1292	0.2610	0.3856	0.4919	0.5850	0.6829	0.7597	0.8472
ν /(mm ² /s)	0.8658	0.8085	0.7659	0.7465	0.7332	0.7238	0.7105	0.7198	0.7238

x_1	0.9267	1.0000
ν /(mm ² /s)	0.7265	0.7459

$T/K = 308.15$

76D1

x_1	0.0000	0.1371	0.2566	0.3821	0.4845	0.5874	0.6798	0.7647	0.8499
ν /(mm ² /s)	0.6345	0.5903	0.5728	0.5620	0.5560	0.5553	0.5634	0.5782	0.6137

x_1	0.9258	1.0000
ν /(mm ² /s)	0.6318	0.6452

883	C₂H₄Br₂ (1)	1,2-dibromo-ethane	106-93-4
	C₈H₁₀ (2)	1,3-dimethyl-benzene	108-38-3

$T/K = 298.15$

92K1

x_1	0.0700	0.1365	0.2007	0.2624	0.3788	0.4868	0.5873	0.6810	0.8306
η /(mPa s)	0.620	0.652	0.686	0.721	0.794	0.877	0.973	1.076	1.315

$T/K = 298.15$

76D1

x_1	0.0000	0.1391	0.2690	0.3835	0.4852	0.5776	0.6789	0.7684	0.8458
η /(mPa s)	0.5839	0.6538	0.7069	0.8095	0.8843	1.0017	1.0641	1.1907	1.3073

x_1	0.9257	1.0000
η /(mPa s)	1.4466	1.6159

$T/K = 308.15$

76D1

x_1	0.0000	0.1463	0.2621	0.3771	0.4834	0.5883	0.6796	0.7697	0.8516
η /(mPa s)	0.5218	0.5870	0.6362	0.7044	0.7640	0.8526	0.9345	1.0176	1.1426

x_1	0.9254	1.0000
η /(mPa s)	1.2589	1.3843

$T/K = 298.15$

76D1

x_1	0.0000	0.1391	0.2690	0.3835	0.4852	0.5776	0.6789	0.7684	0.8458
ν /(mm ² /s)	0.6777	0.6523	0.6349	0.6402	0.6369	0.6650	0.6603	0.6617	0.6804

x_1	0.9257	1.0000
ν /(mm ² /s)	0.7118	0.7459

$T/K = 308.15$

76D1

x_1	0.0000	0.1463	0.2621	0.3771	0.4834	0.5883	0.6796	0.7697	0.8516
ν /(mm ² /s)	0.6117	0.6003	0.5694	0.5607	0.5594	0.5694	0.5755	0.5862	0.6077

x_1	0.9254	1.0000
ν /(mm ² /s)	0.6204	0.6452

884	C₂H₄Br₂ (1)		1,2-dibromo-ethane						106-93-4
	C₈H₁₀ (2)		1,4-dimethyl-benzene						106-42-3
<i>T</i> /K = 298.15									92K1
<i>x</i> ₁	0.0700	0.1370	0.2013	0.2630	0.3796	0.4877	0.5881	0.6817	0.8510
<i>η</i> /(mPa s)	0.629	0.653	0.687	0.714	0.783	0.861	0.951	1.060	1.304
<i>T</i> /K = 298.15									76D1
<i>x</i> ₁	0.0000	0.1435	0.2783	0.3909	0.4898	0.5921	0.6809	0.7685	0.8555
<i>η</i> /(mPa s)	0.6071	0.6686	0.7322	0.7899	0.8870	1.0013	1.0818	1.1692	1.3092
<i>x</i> ₁	0.9211	1.0000							
<i>η</i> /(mPa s)	1.4592	1.6159							
<i>T</i> /K = 308.15									76D1
<i>x</i> ₁	0.0000	0.1371	0.2566	0.3821	0.4845	0.5874	0.6798	0.7647	0.8499
<i>η</i> /(mPa s)	0.5381	0.5822	0.6257	0.6992	0.7526	0.8292	0.9216	1.1018	1.1541
<i>x</i> ₁	0.9258	1.0000							
<i>η</i> /(mPa s)	1.2729	1.3843							
<i>T</i> /K = 298.15									76D1
<i>x</i> ₁	0.0000	0.1435	0.2783	0.3909	0.4898	0.5921	0.6809	0.7685	0.8555
<i>v</i> /(mm ² /s)	0.7085	0.6590	0.6456	0.6335	0.6449	0.6577	0.6583	0.6717	0.6871
<i>x</i> ₁	0.9211	1.0000							
<i>v</i> /(mm ² /s)	0.7098	0.7459							
<i>T</i> /K = 308.15									76D1
<i>x</i> ₁	0.0000	0.1371	0.2566	0.3821	0.4845	0.5874	0.6798	0.7647	0.8499
<i>v</i> /(mm ² /s)	0.6345	0.5903	0.5728	0.5620	0.5560	0.5553	0.5634	0.5782	0.6137
<i>x</i> ₁	0.9258	1.0000							
<i>v</i> /(mm ² /s)	0.6318	0.6452							
885	C₂H₄Br₂ (1)		1,2-dibromo-ethane						106-93-4
	C₁₆H₂₂O₄ (2)		phthalic acid diisobutyl ester						84-69-5
<i>T</i> /°C = 25.0									95K2
<i>x</i> ₁	0.6	0.8	1.0						
<i>η</i> /(mPa s)	10.61	2.75	1.51						
886	C₂H₄Cl₂ (1)		1,2-dichloro-ethane						107-06-2
	C₂H₆O (2)		ethanol						64-17-5
<i>T</i> /K = 303.15									90S5
<i>x</i> ₂	0.0000	0.1307	0.2528	0.3672	0.4744	0.5301	0.6700	0.8061	0.8441
<i>η</i> /(mPa s)	0.727	0.767	0.784	0.819	0.852	0.868	0.914	0.945	0.962

x_2	0.9241	1.0000							
$\eta /(\text{mPa s})$	0.987	1.004							
$T/\text{K} = 313.15$									90S5
x_2	0.0000	0.1307	0.2528	0.3672	0.4744	0.5301	0.6700	0.8061	0.8441
$\eta /(\text{mPa s})$	0.623	0.650	0.671	0.701	0.728	0.735	0.764	0.793	0.803
x_2	0.9241	1.0000							
$\eta /(\text{mPa s})$	0.819	0.835							
$T/\text{K} = 323.15$									90S5
x_2	0.0000	0.1307	0.2528	0.3672	0.4744	0.5301	0.6700	0.8061	0.8441
$\eta /(\text{mPa s})$	0.601	0.613	0.624	0.637	0.646	0.652	0.666	0.679	0.683
x_2	0.9241	1.0000							
$\eta /(\text{mPa s})$	0.691	0.702							
$T/\text{K} = 333.15$									90S5
x_2	0.0000	0.1307	0.2528	0.3672	0.4744	0.5301	0.6700	0.8061	0.8441
$\eta /(\text{mPa s})$	0.531	0.537	0.540	0.547	0.552	0.558	0.563	0.571	0.583
x_2	0.9241	1.0000							
$\eta /(\text{mPa s})$	0.584	0.592							
$T/^\circ\text{C} = 30.0$									51U1
x_2	0.0000	0.0640	0.1215	0.2295	0.3279	0.3912	0.4726	0.5989	0.7520
$\eta /(\text{mPa s})$	0.7256	0.6954	0.6779	0.6654	0.6668	0.6702	0.6873	0.7251	0.7907
x_2	0.8819	1.0000							
$\eta /(\text{mPa s})$	0.8746	0.9842							
$T/^\circ\text{C} = 40.0$									51U1
x_2	0.0000	0.0640	0.1215	0.2295	0.3279	0.3912	0.4726	0.5989	0.7520
$\eta /(\text{mPa s})$	0.6383	0.6126	0.5938	0.5787	0.5767	0.5806	0.5895	0.6178	0.6671
x_2	0.8819	1.0000							
$\eta /(\text{mPa s})$	0.7374	0.8165							
$T/^\circ\text{C} = 50.0$									51U1
x_2	0.0000	0.0640	0.1215	0.2295	0.3279	0.3912	0.4726	0.5989	0.7520
$\eta /(\text{mPa s})$	0.5724	0.5529	0.5336	0.5120	0.5115	0.5107	0.5161	0.5360	0.5723
x_2	0.8819	1.0000							
$\eta /(\text{mPa s})$	0.6280	0.6921							
$T/^\circ\text{C} = 60.0$									51U1
x_2	0.0000	0.0640	0.1215	0.2295	0.3279	0.3912	0.4726	0.5989	0.7520
$\eta /(\text{mPa s})$	0.5116	0.4954	0.4753	0.4552	0.4493	0.4478	0.4500	0.4651	0.4917
x_2	0.8819	1.0000							
$\eta /(\text{mPa s})$	0.5335	0.5839							

887

$\text{C}_2\text{H}_4\text{Cl}_2$ (1)
 $\text{C}_3\text{H}_8\text{O}$ (2)

1,2-dichloro-ethane
propan-1-ol

107-06-2
71-23-8

$T/^\circ\text{C} = 30.0$									51U1
x_2	0.0000	0.1182	0.2163	0.3260	0.5579	0.6721	0.8360	1.0000	
$\eta/(\text{mPa s})$	0.7256	0.6969	0.6888	0.7263	0.9007	1.0340	1.3280	1.7680	
$T/^\circ\text{C} = 40.0$									51U1
x_2	0.0000	0.1182	0.2163	0.3260	0.5579	0.6721	0.8360	1.0000	
$\eta/(\text{mPa s})$	0.6383	0.6089	0.6167	0.6293	0.7563	0.8514	1.0711	1.3858	
$T/^\circ\text{C} = 50.0$									51U1
x_2	0.0000	0.1182	0.2163	0.3260	0.5579	0.6721	0.8360	1.0000	
$\eta/(\text{mPa s})$	0.5724	0.5483	0.5488	0.5542	0.6484	0.7210	0.8872	1.1280	
$T/^\circ\text{C} = 60.0$									51U1
x_2	0.0000	0.1182	0.2163	0.3260	0.5579	0.6721	0.8360	1.0000	
$\eta/(\text{mPa s})$	0.5116	0.4864	0.4833	0.4878	0.5555	0.6115	0.7360	0.9154	
888	C₂H₄Cl₂ (1) C₃H₈O (2)	1,2-dichloro-ethane propan-2-ol						107-06-2 67-63-0	
$T/\text{K} = 303.15$									90R2
x_1	0.0000	0.1365	0.2423	0.3348	0.4257	0.5486	0.6724	0.8114	0.9090
$\eta/(\text{mPa s})$	1.768	1.251	1.020	0.897	0.826	0.781	0.761	0.748	0.740
x_1	1.0000								
$\eta/(\text{mPa s})$	0.733								
889	C₂H₄Cl₂ (1) C₄H₈O (2)	1,2-dichloro-ethane butan-2-one						107-06-2 78-93-3	
$T/\text{K} = 303.15$									92N2
x_2	0.0000	0.0500	0.0957	0.1425	0.1859	0.2285	0.2967	0.3364	0.3777
$\eta/(\text{mPa s})$	0.727	0.704	0.685	0.664	0.645	0.626	0.599	0.584	0.567
x_2	0.4251	0.4703	0.5154	0.5691	0.6195	0.6697	0.7137	0.7802	0.8111
$\eta/(\text{mPa s})$	0.549	0.533	0.515	0.494	0.477	0.462	0.449	0.427	0.415
x_2	0.8785	0.9341	1.0000						
$\eta/(\text{mPa s})$	0.396	0.381	0.363						
890	C₂H₄Cl₂ (1) C₄H₈O (2)	1,2-dichloro-ethane tetrahydro-furan						107-06-2 109-99-9	
$T/\text{K} = 303.15$									96K3
x_2	0.0000	0.0815	0.1436	0.2414	0.3055	0.4137	0.5015	0.6095	0.7289
$\eta/(\text{mPa s})$	0.7295	0.7038	0.6852	0.6571	0.6394	0.6105	0.5879	0.5606	0.5307
x_2	0.8142	0.9176	1.0000						
$\eta/(\text{mPa s})$	0.5097	0.4850	0.4656						

891	C₂H₄Cl₂ (1) C₄H₈O₂ (2)		1,2-dichloro-ethane 1,4-dioxane						107-06-2 123-91-1
$T/K = 303.15$									94K7
x_2	0.0000	0.0462	0.1984	0.2786	0.3663	0.4515	0.5670	0.6362	0.7673
$\eta /(\text{mPa s})$	0.7295	0.7468	0.7909	0.8101	0.8307	0.8512	0.8832	0.9068	0.9595
x_2	0.8428	0.9185	1.0000						
$\eta /(\text{mPa s})$	0.9960	1.0369	1.0863						
892	C₂H₄Cl₂ (1) C₄H₁₀O (2)		1,2-dichloro-ethane butan-1-ol						107-06-2 71-36-3
$T/^\circ\text{C} = 30.0$									51U1
x_2	0.0000	0.0969	0.2052	0.3178	0.4683	0.5618	0.6768	0.8560	1.0000
$\eta /(\text{mPa s})$	0.7256	0.7121	0.7449	0.8081	0.9418	1.0617	1.2716	1.7441	2.2548
$T/^\circ\text{C} = 40.0$									51U1
x_2	0.0000	0.0969	0.2052	0.3178	0.4683	0.5618	0.6768	0.8560	1.0000
$\eta /(\text{mPa s})$	0.6383	0.6205	0.6427	0.6920	0.7892	0.8734	1.0360	1.3785	1.7589
$T/^\circ\text{C} = 50.0$									51U1
x_2	0.0000	0.0969	0.2052	0.3178	0.4683	0.5618	0.6768	0.8560	1.0000
$\eta /(\text{mPa s})$	0.5724	0.5584	0.5710	0.6061	0.6791	0.7447	0.8711	1.1228	1.4051
$T/^\circ\text{C} = 60.0$									51U1
x_2	0.0000	0.0969	0.2052	0.3178	0.4683	0.5618	0.6768	0.8560	1.0000
$\eta /(\text{mPa s})$	0.5116	0.4978	0.5040	0.5310	0.5838	0.6357	0.7288	0.9313	1.1267
893	C₂H₄Cl₂ (1) C₄H₁₀O (2)		1,2-dichloro-ethane butan-2-ol						107-06-2 78-92-2
$T/K = 303.15$									90R2
x_1	0.0000	0.1998	0.3493	0.4075	0.4577	0.6028	0.6440	0.7841	0.8969
$\eta /(\text{mPa s})$	3.182	1.515	1.021	0.929	0.877	0.807	0.797	0.769	0.741
x_1	1.0000								
$\eta /(\text{mPa s})$	0.733								
894	C₂H₄Cl₂ (1) C₄H₁₀O (2)		1,2-dichloro-ethane 2-methyl-propan-1-ol						107-06-2 78-83-1
$T/K = 303.15$									90R2
x_1	0.0000	0.1522	0.2281	0.3177	0.4200	0.5810	0.6092	0.7739	0.8554
$\eta /(\text{mPa s})$	2.873	1.840	1.544	1.311	1.137	0.945	0.923	0.770	0.712
x_1	1.0000								

η /(mPa s) 0.733

895 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
 C₄H₁₀O (2) **2-methyl-propan-2-ol** **75-65-0**

$T/K = 303.15$

90R2

x_1 0.0000 0.1428 0.2978 0.3840 0.4823 0.5920 0.7174 0.7645 0.8510
 η /(mPa s) 3.319 1.795 1.119 0.978 0.904 0.852 0.774 0.740 0.685

x_1 1.0000
 η /(mPa s) 0.733

896 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
 C₅H₅N (2) **pyridine** **110-86-1**

$T/^\circ\text{C} = 20.0$

60T1

x_2 0.00 0.20 0.40 0.60 0.80 1.00
 η /(mPa s) 0.825 0.810 0.814 0.838 0.883 0.953

$T/^\circ\text{C} = 40.0$

60T1

x_2 0.00 0.20 0.40 0.60 0.80 1.00
 η /(mPa s) 0.645 0.635 0.635 0.650 0.682 0.724

$T/^\circ\text{C} = 60.0$

60T1

x_2 0.00 0.20 0.40 0.60 0.80 1.00
 η /(mPa s) 0.517 0.514 0.516 0.528 0.548 0.573

897 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
 C₅H₁₂O (2) **3-methyl-butan-1-ol** **123-51-3**

$T/K = 303.15$

90R2

x_1 0.0000 0.1944 0.2785 0.3264 0.4760 0.5249 0.6371 0.7935 0.8936
 η /(mPa s) 2.962 2.038 1.768 1.642 1.323 1.246 1.079 0.891 0.801

x_1 1.0000
 η /(mPa s) 0.733

$T/^\circ\text{C} = 30.0$

51U1

x_2 0.0000 0.1272 0.2201 0.3264 0.4302 0.5765 0.6639 0.8049 0.8880
 η /(mPa s) 0.7256 0.7430 0.7970 0.9054 1.0286 1.3016 1.5321 2.0808 2.5105

x_2 1.0000
 η /(mPa s) 3.2671

$T/^\circ\text{C} = 40.0$

51U1

x_2 0.0000 0.1272 0.2201 0.3264 0.4302 0.5765 0.6639 0.8049 0.8880
 η /(mPa s) 0.6383 0.6478 0.6865 0.7649 0.8579 1.0647 1.2298 1.6191 1.9098

x_2 1.0000

η /(mPa s)	2.4292									
T /°C = 50.0										51U1
x_2	0.0000	0.1272	0.2201	0.3264	0.4302	0.5765	0.6639	0.8049	0.8880	
η /(mPa s)	0.5724	0.5786	0.6030	0.6650	0.7365	0.8917	1.0146	1.3091	1.5072	
x_2	1.0000									
η /(mPa s)	1.8674									
T /°C = 60.0										51U1
x_2	0.0000	0.1272	0.2201	0.3264	0.4302	0.5765	0.6639	0.8049	0.8880	
η /(mPa s)	0.5116	0.5142	0.5317	0.5866	0.6333	0.7481	0.8522	1.0590	1.1976	
x_2	1.0000									
η /(mPa s)	1.4516									
898	C₂H₄Cl₂ (1) C₆H₅Cl (2)	1,2-dichloro-ethane chlorobenzene								107-06-2 108-90-7
T /°C = 20.0										60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
η /(mPa s)	0.825	0.796	0.778	0.773	0.777	0.792				
T /°C = 40.0										60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
η /(mPa s)	0.645	0.625	0.614	0.611	0.618	0.633				
T /°C = 60.0										60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
η /(mPa s)	0.517	0.505	0.500	0.500	0.504	0.516				
899	C₂H₄Cl₂ (1) C₆H₆ (2)	1,2-dichloro-ethane benzene								107-06-2 71-43-2
T /°C = 25.0										86P3
x_1	0.000	0.202	0.414	0.620	0.808	1.000				
η /(mPa s)	0.7085	0.6849	0.6770	0.6947	0.7340	0.7810				
T /°C = 40.0										86P3
x_1	0.000	0.219	0.429	0.628	0.819	1.000				
η /(mPa s)	0.5342	0.5175	0.5130	0.5439	0.6192	0.6263				
T /°C = 55.0										86P3
x_1	0.000	0.199	0.400	0.609	0.802	1.000				
η /(mPa s)	0.4431	0.4322	0.4383	0.4846	0.5245	0.5773				
T /°C = 70.0										86P3
x_1	0.000	0.198	0.406	0.619	0.807	1.000				
η /(mPa s)	0.3560	0.3895	0.4023	0.4166	0.4505	0.4657				

$T/^\circ\text{C} = 30.0$										83M1
x_2	0.000	0.209	0.410	0.614	0.802	1.000				
$\eta/(\text{mPa s})$	0.716	0.6451	0.5936	0.5635	0.5511	0.558				
$T/^\circ\text{C} = 40.0$										83M1
x_2	0.000	0.209	0.410	0.614	0.802	1.000				
$\eta/(\text{mPa s})$	0.637	0.5797	0.5336	0.5020	0.4902	0.494				
$T/^\circ\text{C} = 50.0$										83M1
x_2	0.000	0.209	0.410	0.614	0.802	1.000				
$\eta/(\text{mPa s})$	0.573	0.5254	0.4745	0.4493	0.4366	0.436				
$T/^\circ\text{C} = 60.0$										83M1
x_2	0.000	0.209	0.410	0.614	0.802	1.000				
$\eta/(\text{mPa s})$	0.514	0.4652	0.4301	0.4060	0.3926	0.389				
$T/^\circ\text{C} = 25.0$										75D2
x_1	0.0000	0.0442	0.1794	0.3810	0.5775	0.6712	0.7923	0.9074	1.0000	
$\eta/(\text{mPa s})$	0.6034	0.5930	0.5695	0.5537	0.5525	0.5471	0.5493	0.5563	0.5578	
$T/^\circ\text{C} = 25.0$										66F1
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa s})$	0.773	0.686	0.634	0.601	0.590	0.602				
$T/^\circ\text{C} = 20.0$										36K1
x_2	0.000	0.099	0.200	0.300	0.392	0.525	0.577	0.583	0.810	
$\eta/(\text{mPa s})$	0.8397	0.7903	0.7512	0.7172	0.6824	0.6583	0.6545	0.6340	0.6360	
x_2	0.900	1.000								
$\eta/(\text{mPa s})$	0.6404	0.6600								
$T/^\circ\text{C} = 40.0$										36K1
x_2	0.000	0.099	0.200	0.525	0.810	1.000				
$\eta/(\text{mPa s})$	0.6472	0.6093	0.5936	0.5387	0.5080	0.4910				
$T/^\circ\text{C} = 60.0$										36K1
x_2	0.000	0.099	0.200	0.525	0.810	1.000				
$\eta/(\text{mPa s})$	0.5135	0.4910	0.4729	0.4218	0.3931	0.4018				
$T/^\circ\text{C} = 0.0$										12F1
x_2	0.00	0.30	0.50	0.70	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	1.077	0.933	0.868	0.835	0.837	0.843	0.850			
$T/^\circ\text{C} = 19.4$										12F1
x_2	0.00	0.30	0.50	0.70	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	0.800	0.690	0.645	0.620	0.615	0.615	0.619			
$T/^\circ\text{C} = 50.0$										12F1
x_2	0.00	0.30	0.50	0.70	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	0.565	0.492	0.455	0.435	0.428	0.422	0.418			

$T/K = 303.15$

88N3

x_1	0.0000	0.0280	0.2755	0.3664	0.4263	0.4477	0.4874	0.5259	0.6982
$\nu /(\text{mm}^2/\text{s})$	0.647	0.640	0.583	0.573	0.570	0.567	0.565	0.563	0.563
x_1	0.8533	0.9588	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.576	0.585	0.590						

900 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
C₆H₁₀O (2) **cyclohexanone** **108-94-1**

 $T/K = 303.15$

98N1

x_2	0.0000	0.0415	0.0731	0.1164	0.1576	0.1964	0.2392	0.2880	0.3282
$\nu /(\text{mm}^2/\text{s})$	0.588	0.624	0.648	0.689	0.728	0.762	0.803	0.849	0.895
x_2	0.3802	0.4438	0.4921	0.5430	0.5943	0.6511	0.6990	0.7535	0.8192
$\nu /(\text{mm}^2/\text{s})$	0.945	1.020	1.077	1.142	1.210	1.288	1.361	1.449	1.566
x_2	0.8754	0.9410	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.672	1.802	1.925						

901 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
C₆H₁₂ (2) **cyclohexane** **110-82-7**

 $T/^\circ\text{C} = 25.0$

75D2

x_1	0.0000	0.1563	0.3634	0.4945	0.5492	0.7365	0.8489	0.9551	1.0000
$\eta /(\text{mPa s})$	0.8950	0.7527	0.6732	0.6195	0.6042	0.5777	0.5695	0.5640	0.5578

 $T/K = 303.15$

88N3

x_1	0.0000	0.1889	0.3111	0.4999	0.5514	0.6372	0.7536	0.9732	1.0000
$\nu /(\text{mm}^2/\text{s})$	1.066	0.841	0.753	0.669	0.650	0.626	0.603	0.590	0.590

902 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
C₆H₁₄O (2) **2-ethyl-butan-1-ol** **97-95-0**

 $T/K = 303.15$

90R2

x_1	0.0000	0.2176	0.3427	0.4745	0.5698	0.6786	0.6950	0.7381	0.9060
$\eta /(\text{mPa s})$	4.669	2.730	1.977	1.426	1.159	0.961	0.939	0.890	0.778
x_1	1.0000								
$\eta /(\text{mPa s})$	0.733								

903 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
C₇H₈ (2) **toluene** **108-88-3**

 $T/^\circ\text{C} = 25.0$

86P3

x_1	0.000	0.245	0.465	0.653	0.849	1.000			
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η /(mPa s)	0.5708	0.5783	0.6080	0.6470	0.7240	0.7810			
T /°C = 40.0									86P3
x_1	0.000	0.250	0.455	0.632	0.839	1.000			
η /(mPa s)	0.4610	0.4804	0.4970	0.5310	0.5906	0.6263			
T /°C = 55.0									86P3
x_1	0.000	0.245	0.465	0.653	0.849	1.000			
η /(mPa s)	0.4195	0.4325	0.4437	0.4699	0.5286	0.5773			
T /°C = 70.0									86P3
x_1	0.000	0.250	0.455	0.632	0.839	1.000			
η /(mPa s)	0.3710	0.3777	0.3851	0.3991	0.4359	0.4657			
T /°C = 25.0									75D2
x_1	0.0000	0.1765	0.1934	0.4172	0.6094	0.6554	0.8009	0.9298	1.0000
η /(mPa s)	0.5715	0.5614	0.5580	0.5537	0.5476	0.5515	0.5493	0.5542	0.5578
T /K = 303.15									88N3
x_1	0.0000	0.1754	0.2900	0.4478	0.5599	0.6742	0.7344	0.7771	0.8593
ν /(mm ² /s)	0.611	0.595	0.584	0.577	0.570	0.570	0.572	0.574	0.579
x_1	1.0000								
ν /(mm ² /s)	0.590								
904	C₂H₄Cl₂ (1)		1,2-dichloro-ethane						107-06-2
	C₇H₈O (2)		methoxybenzene						100-66-3
T /K = 303.15									92N1
x_2	0.0000	0.0479	0.2944	0.3833	0.5479	0.6192	0.6717	0.9751	1.0000
η /(mPa s)	0.730	0.708	0.726	0.740	0.776	0.785	0.797	0.896	0.915
T /°C = 25.0									90J3
x_2	0.0000	0.0971	0.1961	0.2958	0.3963	0.4918	0.5946	0.6933	0.7944
η /(mPa s)	0.7833	0.8095	0.8125	0.8228	0.8354	0.8519	0.8754	0.9012	0.9299
x_2	0.8972	1.0000							
η /(mPa s)	0.9672	0.9785							
T /°C = 30.0									90J3
x_2	0.0000	0.0971	0.1961	0.2958	0.3963	0.4918	0.5946	0.6933	0.7944
η /(mPa s)	0.7400	0.7615	0.7644	0.7712	0.7823	0.7983	0.8183	0.8399	0.8693
x_2	0.8972	1.0000							
η /(mPa s)	0.8983	0.9070							
T /°C = 35.0									90J3
x_2	0.0000	0.0971	0.1961	0.2958	0.3963	0.4918	0.5946	0.6933	0.7944
η /(mPa s)	0.6926	0.7135	0.7190	0.7246	0.7333	0.7466	0.7639	0.7821	0.8076
x_2	0.8972	1.0000							

η /(mPa s) 0.8340 0.8422

T /°C = 40.0

90J3

x_2 0.0000 0.0971 0.1961 0.2958 0.3963 0.4918 0.5946 0.6933 0.7944
 η /(mPa s) 0.6523 0.6712 0.6736 0.6785 0.6881 0.7004 0.7150 0.7319 0.7519

x_2 0.8972 1.0000
 η /(mPa s) 0.7759 0.7814

905 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
 C₇H₁₄ (2) **methylcyclohexane** **108-87-2**

T /K = 308.15

88R7

x_1 0.0000 0.1522 0.2455 0.2877 0.3673 0.4091 0.4965 0.5186 0.6177
 η /(mPa s) 0.585 0.558 0.549 0.547 0.546 0.546 0.550 0.551 0.561

x_1 0.6210 0.7079 0.7290 0.7904 0.8336 0.8660 0.9145 0.9357 1.0000
 η /(mPa s) 0.561 0.575 0.579 0.593 0.605 0.615 0.633 0.641 0.671

906 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
 C₇H₁₆O (2) **heptan-1-ol** **111-70-6**

T /K = 303.15

89A3

x_2 0.0000 0.1082 0.1749 0.3034 0.4560 0.5496 0.6220 0.7104 0.7978
 η /(mPa s) 0.734 0.852 0.918 1.082 1.415 1.752 2.078 2.581 3.174

x_2 0.8642 0.9346 1.0000
 η /(mPa s) 3.699 4.286 4.862

907 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
 C₈H₈O (2) **1-phenyl-ethanone** **98-86-2**

T /°C = 25.0

15S2

x_2 0.0000 0.3058 0.6419 0.8882 1.0000
 η /(mPa s) 0.771 0.993 1.283 1.531 1.645

908 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
 C₈H₁₀ (2) **1,2-dimethyl-benzene** **95-47-6**

T /°C = 25.0

75D2

x_1 0.0000 0.2194 0.3744 0.5202 0.7023 0.8002 0.9057 0.9625 1.0000
 η /(mPa s) 0.7548 0.6805 0.6515 0.6149 0.5909 0.5762 0.5679 0.5646 0.5578

909 **C₂H₄Cl₂ (1)** **1,2-dichloro-ethane** **107-06-2**
 C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

T /°C = 25.0

86P3

x_1	0.000	0.290	0.514	0.705	0.867	1.000			
$\eta /(\text{mPa s})$	0.6077	0.6147	0.6323	0.6569	0.7234	0.7810			
$T / ^\circ\text{C} = 40.0$									86P3
x_1	0.000	0.255	0.461	0.660	0.842	1.000			
$\eta /(\text{mPa s})$	0.5020	0.4942	0.4930	0.5059	0.5365	0.6263			
$T / ^\circ\text{C} = 55.0$									86P3
x_1	0.000	0.290	0.514	0.705	0.867	1.000			
$\eta /(\text{mPa s})$	0.4345	0.4408	0.4562	0.4825	0.5024	0.5773			
$T / ^\circ\text{C} = 70.0$									86P3
x_1	0.000	0.290	0.514	0.705	0.867	1.000			
$\eta /(\text{mPa s})$	0.3880	0.3953	0.4017	0.4207	0.4399	0.4657			
$T / ^\circ\text{C} = 25.0$									75D2
x_1	0.0000	0.1657	0.3438	0.3866	0.4996	0.6333	0.7734	0.8841	1.0000
$\eta /(\text{mPa s})$	0.6189	0.6013	0.5811	0.5788	0.5723	0.5668	0.5635	0.5586	0.5578
$T / \text{K} = 303.15$									88N3
x_1	0.0000	0.1381	0.1456	0.2064	0.2657	0.2778	0.3773	0.5237	0.6171
$\nu /(\text{mm}^2/\text{s})$	0.663	0.650	0.649	0.634	0.626	0.625	0.621	0.608	0.599
x_1	0.7575	0.8687	0.9077	1.0000					
$\nu /(\text{mm}^2/\text{s})$	0.591	0.588	0.588	0.590					
910	$\text{C}_2\text{H}_4\text{Cl}_2$ (1)		1,2-dichloro-ethane						107-06-2
	$\text{C}_9\text{H}_7\text{N}$ (2)		quinoline						91-22-5
$T / \text{K} = 303.15$									88N3
x_1	0.0000	0.2601	0.2811	0.4360	0.5464	0.7044	0.8480	0.9360	1.0000
$\nu /(\text{mm}^2/\text{s})$	2.756	1.867	1.808	1.429	1.208	0.947	0.755	0.654	0.590
911	$\text{C}_2\text{H}_4\text{Cl}_2$ (1)		1,2-dichloro-ethane						107-06-2
	C_9H_{12} (2)		isopropylbenzene						98-82-8
$T / ^\circ\text{C} = 20.0$									60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	0.825	0.782	0.762	0.761	0.769	0.779			
$T / ^\circ\text{C} = 40.0$									60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	0.645	0.612	0.595	0.594	0.600	0.607			
$T / ^\circ\text{C} = 60.0$									60T1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	0.517	0.495	0.481	0.480	0.483	0.489			

912	C₂H₄Cl₂ (1)		1,2-dichloro-ethane				107-06-2		
	C₁₀H₁₄N₂ (2)		(S)-(-)-nicotine				54-11-5		
$T/^\circ\text{C} = 25.0$									50B2
x_2	0.0000	0.1212	0.2533	0.3780	0.5060	0.6474	0.7710	0.8936	1.0000
$\eta/(\text{mPa s})$	0.7640	0.9680	1.2369	1.5467	1.8289	2.4275	2.8703	3.4411	3.8942
$T/^\circ\text{C} = 50.0$									50B2
x_2	0.0000	0.1212	0.2533	0.3780	0.5060	0.6474	0.7710	0.8936	1.0000
$\eta/(\text{mPa s})$	0.5549	0.6903	0.8640	1.0393	1.1703	1.4864	1.6918	1.9268	2.0376
$T/^\circ\text{C} = 75.0$									50B2
x_2	0.0000	0.1212	0.2533	0.3780	0.5060	0.6474	0.7710	0.8936	1.0000
$\eta/(\text{mPa s})$	0.4357	0.5345	0.6756	0.7660	0.8524	1.0194	1.1470	1.2506	1.2626
913	C₂H₄F₂ (1)		1,2-difluoro-ethane				624-72-6		
	C₃H₇NO (2)		N,N-dimethyl-formamide				68-12-2		
$w_1 = 0.000$									74T1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0			
$\eta/(\text{mPa s})$	0.968	0.866	0.761	0.672	0.615	0.535			
$w_1 = 0.025$									74T1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0			
$\eta/(\text{mPa s})$	0.957	0.849	0.746	0.668	0.603	0.554			
$w_1 = 0.050$									74T1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0			
$\eta/(\text{mPa s})$	0.936	0.822	0.730	0.606	0.595	0.539			
$w_1 = 0.075$									74T1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0			
$\eta/(\text{mPa s})$	0.908	0.793	0.726	0.653	0.582	0.532			
$w_1 = 0.100$									74T1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0				
$\eta/(\text{mPa s})$	0.880	0.772	0.699	0.641	0.574				
$w_1 = 0.125$									74T1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0				
$\eta/(\text{mPa s})$	0.858	0.753	0.683	0.628	0.560				
$w_1 = 0.150$									74T1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0					
$\eta/(\text{mPa s})$	0.829	0.729	0.658	0.605					
$w_1 = 0.200$									74T1
$T/^\circ\text{C}$	10.0	20.0	30.0						
$\eta/(\text{mPa s})$	0.764	0.729	0.629						

$w_1 = 1.000$									74T1
$T/^\circ\text{C}$	-10.0	0.0	10.0	20.0					
$\eta/(\text{mPa}\cdot\text{s})$	0.310	0.288	0.269	0.251					
914	C₂H₄O (1) C₆H₁₂O₃ (2)		acetaldehyde 2,4,6-trimethyl-1,3,5-trioxane						75-07-0 123-63-7
$T/^\circ\text{C} = 15.0$									33H1
w_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta/(\text{mPa}\cdot\text{s})$	0.246	0.275	0.316	0.360	0.413	0.474	0.547	0.639	0.767
x_1	0.9	1.0							
$\eta/(\text{mPa}\cdot\text{s})$	0.957	1.359							
$T/^\circ\text{C} = 20.0$									1897T1
w_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\nu/(\text{mm}^2/\text{s})$	1.188	0.8368	0.6702	0.5584	0.4783	0.4144	0.3610	0.3150	0.2759
w_1	0.90	1.00							
$\nu/(\text{mm}^2/\text{s})$	0.2408	0.2147							
915	C₂H₄OS (1) C₃H₆O (2)		thioacetic acid propan-2-one						507-09-5 67-64-1
$T/^\circ\text{C} = 25.0$									61L2
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
$\eta/(\text{mPa}\cdot\text{s})$	0.342	0.405	0.479	0.511	0.551	0.624	0.687		
916	C₂H₄OS (1) C₆H₆ (2)		thioacetic acid benzene						507-09-5 71-43-2
$T/^\circ\text{C} = 25.0$									61L2
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
$\eta/(\text{mPa}\cdot\text{s})$	0.601	0.584	0.584	0.589	0.599	0.631	0.687		
917	C₂H₄O₂ (1) C₂H₅NO (2)		acetic acid acetamide						64-19-7 60-35-5
$T/^\circ\text{C} = 20.0$									56B1
x_2	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
$\eta/(\text{mPa}\cdot\text{s})$	1.954	2.629	3.230	3.990	4.817	5.852	6.659	7.769	8.988
$T/^\circ\text{C} = 60.0$									56B1
x_2	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
$\eta/(\text{mPa}\cdot\text{s})$	0.842	0.981	1.116	1.265	1.423	1.567	1.725	1.887	2.059

x_2	0.60	0.70							
$\eta /(\text{mPa s})$	2.427	2.898							
$T / ^\circ\text{C} = 80.0$									56B1
x_2	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.45	0.50
$\eta /(\text{mPa s})$	0.546	0.592	0.644	0.712	0.772	0.824	0.899	0.974	1.050
x_2	0.60	0.70							
$\eta /(\text{mPa s})$	1.170	1.349							
$T / ^\circ\text{C} = 25.0$									55T2
x_2	0.0000	0.0990	0.2001	0.2992	0.4005	0.4936	0.6022	1.0000	
$\eta /(\text{mPa s})$	1.129	2.081	3.176	4.523	6.119	7.655	9.554	27.2	
$T / ^\circ\text{C} = 40.0$									55T2
x_2	0.0000	0.0990	0.2001	0.2992	0.4005	0.4936	0.6022	0.6945	1.0000
$\eta /(\text{mPa s})$	0.920	1.504	2.190	2.962	3.779	4.551	5.559	6.486	12.7
918	C₂H₄O₂ (1) C₂H₆O (2)		acetic acid ethanol						64-19-7 64-17-5
$T / ^\circ\text{C} = 25.0$									13B1
w_2	0.0000	0.2500	0.5000	0.7500	1.0000				
$\eta /(\text{mPa s})$	1.1481	1.3405	1.2500	1.1429	1.0989				
$T / ^\circ\text{C} = 35.0$									13B1
w_2	0.0000	0.2615	0.5040	0.7384	1.0000				
$\eta /(\text{mPa s})$	0.9911	1.1173	1.0417	0.9515	0.9166				
$T / ^\circ\text{C} = 45.0$									13B1
w_2	0.0000	0.2615	0.5040	0.7384	1.0000				
$\eta /(\text{mPa s})$	0.8650	0.9416	0.8780	0.8104	0.7657				
$T / ^\circ\text{C} = 55.0$									13B1
w_2	0.0000	0.2615	0.5040	0.7384	1.0000				
$\eta /(\text{mPa s})$	0.7604	0.8064	0.7479	0.6896	0.6452				
$T / ^\circ\text{C} = 65.0$									13B1
w_2	0.0000	0.2615	0.5040	0.7384	1.0000				
$\eta /(\text{mPa s})$	0.6761	0.6978	0.6431	0.5875	0.5510				
$T / ^\circ\text{C} = 75.0$									13B1
w_2	0.0000	0.2615	0.5040	0.7384	1.0000				
$\eta /(\text{mPa s})$	0.6075	0.6094	0.5574	0.5040	0.4695				
919	C₂H₄O₂ (1) C₂H₆OS (2)		acetic acid dimethyl sulfoxide						64-19-7 67-68-5
$T / ^\circ\text{C} = 25.0$									66F1

x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	1.146	2.359	2.806	2.525	2.231	2.038			

920 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₂H₇NO₂S (2) **N-methyl-methanesulfonamide** **1184-85-6**

$T/\text{K} = 303.15$ 79P1

x_2	0.0000	0.0845	0.1966	0.2899	0.3938	0.5005	0.5988	0.6929	0.7836
$\eta /(\text{mPa s})$	1.048	1.437	2.005	2.495	3.113	3.784	4.464	5.168	5.941
x_2	0.8912	1.0000							
$\eta /(\text{mPa s})$	6.925	8.242							

$T/\text{K} = 333.15$ 79P1

x_2	0.0000	0.0845	0.1966	0.2899	0.3938	0.5005	0.5988	0.6929	0.7836
$\eta /(\text{mPa s})$	0.696	0.886	1.169	1.399	1.673	1.974	2.243	2.498	2.816
x_2	0.8912	1.0000							
$\eta /(\text{mPa s})$	3.172	3.657							

921 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₃H₆O (2) **propan-2-one** **67-64-1**

$T/^\circ\text{C} = 25.0$ 61L1

x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
$\eta /(\text{mPa s})$	0.341	0.426	1.540	0.614	0.702	0.912	1.233		

$T/^\circ\text{C} = 0.0$ 58B3

x_1	0.100	0.200	0.302	0.398	0.501	0.603	0.698	0.800	0.898
$\eta /(\text{mPa s})$	0.57	0.66	0.77	0.87	1.01	1.17	1.33	1.50	1.63

x_1	0.949	1.0000							
$\eta /(\text{mPa s})$	1.69	1.73							

$T/^\circ\text{C} = 20.0$ 58B3

x_1	0.000	0.100	0.200	0.302	0.398	0.501	0.603	0.698	0.800
$\eta /(\text{mPa s})$	0.44	0.50	0.56	0.62	0.69	0.79	0.89	0.99	1.10

x_1	0.898	1.0000							
$\eta /(\text{mPa s})$	1.19	1.25							

$T/^\circ\text{C} = 30.0$ 58B3

x_1	0.000	0.100	0.200	0.302	0.398	0.501	0.603	0.698	0.800
$\eta /(\text{mPa s})$	0.39	0.44	0.49	0.53	0.60	0.67	0.75	0.84	0.90

x_1	0.898	1.0000							
$\eta /(\text{mPa s})$	0.96	1.053							

$T/^\circ\text{C} = 20.0$ 39U1

x_1	0.0000	0.1300	0.2220	0.3020	0.4025	0.5066	0.6050	0.6994	0.8050
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η /(mPa s)	0.3298	0.3909	0.4389	0.4916	0.5632	0.6549	0.7515	0.8612	0.9881
x_1	0.9011	1.0000							
η /(mPa s)	1.1026	1.2088							
$T/^\circ\text{C} = 30.0$									39U1
x_1	0.0000	0.1300	0.2220	0.3020	0.4025	0.5066	0.6050	0.6994	0.8050
η /(mPa s)	0.3033	0.3546	0.3976	0.4411	0.5015	0.5766	0.6562	0.7482	0.8527
x_1	0.9011	1.0000							
η /(mPa s)	0.9472	1.0270							
$T/^\circ\text{C} = 40.0$									39U1
x_1	0.0000	0.1300	0.2220	0.3020	0.4025	0.5066	0.6050	0.6994	0.8050
η /(mPa s)	0.2766	0.3238	0.3607	0.3993	0.4518	0.5138	0.5817	0.6564	0.7437
x_1	0.9011	1.0000							
η /(mPa s)	0.8218	0.8948							
$T/^\circ\text{C} = 25.0$									21K2
x_1	0.0000	0.0996	0.2035	0.3025	0.4049	0.4986	0.5973	0.6968	0.8015
η /(mPa s)	0.3065	0.3496	0.4046	0.4636	0.5350	0.6098	0.6994	0.8026	0.9213
x_1	0.9037	1.0000							
η /(mPa s)	1.036	1.121							
$T/^\circ\text{C} = 0.0$									12F1
x_2	0.00	0.30	0.60	1.00					
η /(mPa s)	2.38	1.315	0.818	0.400					
$T/^\circ\text{C} = 18.0$									12F1
x_2	0.00	0.30	0.60	1.00					
η /(mPa s)	1.391	0.936	0.583	0.350					
$T/^\circ\text{C} = 42.0$									12F1
x_2	0.00	0.30	0.60	1.00					
η /(mPa s)	1.003	0.686	0.470	0.280					
$T/^\circ\text{C} = 20.0$									59H1
x_2	0.000	0.044	0.128	0.212	0.293	0.381	0.511	0.577	0.701
ν /(mm ² /s)	1.1712	1.150	1.078	0.985	0.901	0.812	0.701	0.647	0.564
x_2	0.812	0.926	1.000						
ν /(mm ² /s)	0.497	0.436	0.4004						
$T/^\circ\text{C} = 25.0$									59H1
x_2	0.000	0.043	0.132	0.212	0.287	0.385	0.482	0.578	0.698
ν /(mm ² /s)	1.0888	1.068	1.004	0.922	0.845	0.764	0.683	0.618	0.536
x_2	0.813	0.921	1.000						
ν /(mm ² /s)	0.475	0.419	0.3846						
$T/^\circ\text{C} = 37.8$									59H1

x_2	0.000	0.044	0.124	0.203	0.291	0.387	0.487	0.595	0.697
$\nu /(\text{mm}^2/\text{s})$	0.9117	0.897	0.845	0.785	0.722	0.654	0.595	0.531	0.477
x_2	0.817	0.934	1.000						
$\nu /(\text{mm}^2/\text{s})$	0.423	0.375	0.3481						
$T / ^\circ\text{C} = 50.05$									59H1
x_2	0.000	0.041	0.125	0.212	0.297	0.387	0.431	0.483	0.514
$\nu /(\text{mm}^2/\text{s})$	0.7857	0.711	0.728	0.680	0.629	0.575	0.554	0.532	0.515
x_2	0.580	0.595	0.700	0.815	0.927	1.000			
$\nu /(\text{mm}^2/\text{s})$	0.483	0.478	0.426	0.384	0.343	0.3193			
$T / ^\circ\text{C} = 60.11$									59H1
x_2	0.000	0.045	0.121	0.204	0.251	0.387	0.437	0.485	0.580
$\nu /(\text{mm}^2/\text{s})$	0.7014	0.689	0.653	0.615	0.596	0.527	0.508	0.483	0.439
x_2	0.592	0.699							
$\nu /(\text{mm}^2/\text{s})$	0.438	0.395							
$T / ^\circ\text{C} = 70.20$									59H1
x_2	0.000	0.046	0.130	0.213	0.287	0.377	0.408	0.492	0.507
$\nu /(\text{mm}^2/\text{s})$	0.6320	0.620	0.590	0.552	0.519	0.479	0.472	0.441	0.431
$T / ^\circ\text{C} = 80.35$									59H1
x_2	0.000	0.053	0.123	0.208	0.291	0.386			
$\nu /(\text{mm}^2/\text{s})$	0.5732	0.566	0.536	0.504	0.472	0.439			
$T / ^\circ\text{C} = 94.54$									59H1
x_2	0.000	0.050	0.131	0.225					
$\nu /(\text{mm}^2/\text{s})$	0.5227	0.513	0.489	0.462					
922	C₂H₄O₂ (1)	acetic acid							64-19-7
	C₃H₆O (2)	prop-2-en-1-ol							107-18-6
$T / ^\circ\text{C} = 15.0$									93W1
x_1	0.0000	0.1164	0.2287	0.3370	0.4415	0.5425	0.6401	0.7347	
$\eta /(\text{mPa s})$	1.55874	1.60086	1.64340	1.64690	1.63192	1.62155	1.59899	1.52474	
x_1	0.8259	0.9143	1.0000						
$\eta /(\text{mPa s})$	1.49844	1.48152	1.35707						
$T / ^\circ\text{C} = 20.0$									93W1
x_1	0.0000	0.1164	0.2287	0.3370	0.4415	0.5425	0.6401	0.7347	
$\eta /(\text{mPa s})$	1.36319	1.40162	1.43957	1.44614	1.43344	1.42400	1.41760	1.35305	
x_1	0.8259	0.9143	1.0000						
$\eta /(\text{mPa s})$	1.32554	1.27877	1.22200						
$T / ^\circ\text{C} = 25.0$									93W1
x_1	0.0000	0.1164	0.2287	0.3370	0.4415	0.5425	0.6401	0.7347	
$\eta /(\text{mPa s})$	1.27234	1.30227	1.33026	1.33215	1.31978	1.31021	1.29594	1.24589	

x_1	0.8259	0.9143	1.0000
η /(mPa s)	1.21464	1.17272	1.13080

923 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₃H₆O₂ (2) **formic acid ethyl ester** **109-94-4**

$T/^\circ\text{C} = 25.0$ 56U3

x_2	0.0000	0.1007	0.2036	0.3000	0.4034	0.4979	0.5978	0.6963	0.8001
η /(mPa s)	1.118	0.975	0.846	0.755	0.664	0.608	0.550	0.505	0.459

x_2	0.8941	0.9503	1.0000
η /(mPa s)	0.424	0.395	0.378

$T/^\circ\text{C} = 40.0$ 56U3

x_2	0.0000	0.1007	0.2036	0.3000	0.4034	0.4979	0.5978	0.6963	0.8001
η /(mPa s)	0.905	0.795	0.695	0.627	0.554	0.512	0.466	0.432	0.391

x_2	0.8941	0.9503	1.0000
η /(mPa s)	0.362	0.340	0.322

$T/^\circ\text{C} = 60.0$ 56U3

x_2	0.0000	0.1007	0.2036	0.3000	0.4034	0.4979	0.5978	0.6963
η /(mPa s)	0.694	0.624	0.554	0.507	0.461	0.424	0.392	0.365

924 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₃H₈O (2) **propan-1-ol** **71-23-8**

$T/^\circ\text{C} = 25.0$ 61L1

x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0
η /(mPa s)	1.931	1.727	1.648	1.627	1.574	1.458	1.275

925 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₃H₉NO₂S (2) **N,N-dimethyl-methanesulfonamide** **918-05-8**

$T/^\circ\text{C} = 60.0$ 75V1

x_2	0.000	0.100	0.199	0.289	0.393	0.499	0.601	0.697	0.800
η /(mPa s)	0.70	0.87	1.03	1.17	1.34	1.51	1.67	1.86	2.05

x_2	0.900	1.000
η /(mPa s)	2.24	2.44

926 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₄H₅Cl₃O₂ (2) **trichloroacetic acid ethyl ester** **515-84-4**

$T/^\circ\text{C} = 25.0$ 56U3

x_2	0.0000	0.0499	0.0705	0.0999	0.1523	0.1991	0.3280	0.4057	0.5938
η /(mPa s)	1.118	1.073	1.068	1.065	1.078	1.088	1.129	1.198	1.282

x_2	0.7661	1.0000							
$\eta /(\text{mPa s})$	1.389	1.585							
$T / ^\circ\text{C} = 40.0$									56U3
x_2	0.0000	0.0499	0.0705	0.0999	0.1523	0.1991	0.3280	0.4057	0.5938
$\eta /(\text{mPa s})$	0.905	0.867	0.865	0.863	0.868	0.880	0.910	0.961	1.025
x_2	0.7661	1.0000							
$\eta /(\text{mPa s})$	1.107	1.249							
$T / ^\circ\text{C} = 60.0$									56U3
x_2	0.0000	0.0499	0.0705	0.0999	0.1523	0.1991	0.3280	0.4057	0.5938
$\eta /(\text{mPa s})$	0.694	0.675	0.672	0.658	0.678	0.686	0.709	0.742	0.806
x_2	0.7661	1.0000							
$\eta /(\text{mPa s})$	0.857	0.931							
927	C₂H₄O₂ (1) C₄H₅N (2)		acetic acid 1H-pyrrole						64-19-7 109-97-7
$T / ^\circ\text{C} = 20.0$									38D1
x_1	0.00	0.20	0.40	0.60	0.80	0.99			
$\eta /(\text{mPa s})$	1.300	1.296	1.304	1.357	1.415	1.479			
928	C₂H₄O₂ (1) C₄H₆O₃ (2)		acetic acid acetic acid anhydride						64-19-7 108-24-7
$T / ^\circ\text{C} = 15.0$									11D1
w_1	0.0000	0.1005	0.3005	0.5003	0.6993	0.9003	1.0000		
$\eta /(\text{mPa s})$	0.979	1.006	1.057	1.134	1.185	1.318	1.333		
$T / ^\circ\text{C} = 76.5$									11D1
w_1	0.0000	0.1005	0.3005	0.5003	0.6993	0.9003	1.0000		
$\eta /(\text{mPa s})$	0.462	0.464	0.483	0.498	0.522	0.555	0.563		
929	C₂H₄O₂ (1) C₄H₈O (2)		acetic acid butan-2-one						64-19-7 78-93-3
$T / ^\circ\text{C} = 25.0$									39U2
x_1	0.0000	0.1006	0.2003	0.3011	0.4019	0.5031	0.6006	0.7023	0.7985
$\eta /(\text{mPa s})$	0.3895	0.4312	0.4737	0.5266	0.5832	0.6507	0.7259	0.8152	0.9085
x_1	0.8986	1.0000							
$\eta /(\text{mPa s})$	1.0134	1.1150							
$T / ^\circ\text{C} = 35.0$									39U2
x_1	0.0000	0.1006	0.2003	0.3011	0.4019	0.5031	0.6006	0.7023	0.7985
$\eta /(\text{mPa s})$	0.3547	0.3905	0.4255	0.4697	0.5173	0.5780	0.6846	0.7132	0.7902

x_1	0.8986	1.0000							
$\eta /(\text{mPa s})$	0.8790	0.9609							
$T / ^\circ\text{C} = 45.0$									39U2

x_1	0.0000	0.1006	0.2003	0.3011	0.4019	0.5031	0.6006	0.7023	0.7985
$\eta /(\text{mPa s})$	0.3213	0.3521	0.3832	0.4196	0.4601	0.5058	0.5590	0.6203	0.6845

x_1	0.8986	1.0000
$\eta /(\text{mPa s})$	0.7622	0.8328

930 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₄H₈O₂ (2) **acetic acid ethyl ester** **141-78-6**

$T / ^\circ\text{C} = 25.0$									65F4
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x_1	0.0	0.2	0.5	0.8	1.0				
$\eta /(\text{mPa s})$	0.424	0.520	0.698	0.925	1.118				

$T / ^\circ\text{C} = 60.0$									65F4
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x_1	0.0	0.2	0.5	0.8	1.0				
$\eta /(\text{mPa s})$	0.295	0.355	0.458	0.593	0.694				

$T / ^\circ\text{C} = 25.0$									55U1
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x_2	0.0000	0.1020	0.2035	0.3037	0.4101	0.4979	0.6006	0.6962	0.7971
$\eta /(\text{mPa s})$	1.118	0.970	0.867	0.771	0.697	0.644	0.582	0.543	0.499

x_2	0.9048	1.0000
$\eta /(\text{mPa s})$	0.460	0.424

$T / ^\circ\text{C} = 40.0$									55U1
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x_2	0.0000	0.1020	0.2035	0.3037	0.4101	0.4979	0.6006	0.6962	0.7971
$\eta /(\text{mPa s})$	0.905	0.791	0.707	0.634	0.579	0.538	0.488	0.454	0.419

x_2	0.9048	1.0000
$\eta /(\text{mPa s})$	0.388	0.360

$T / ^\circ\text{C} = 60.0$									55U1
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x_2	0.0000	0.1020	0.2035	0.3037	0.4101	0.4979	0.6006	0.6962	0.7971
$\eta /(\text{mPa s})$	0.694	0.618	0.557	0.503	0.461	0.430	0.393	0.369	0.342

x_2	0.9048	1.0000
$\eta /(\text{mPa s})$	0.316	0.295

$T / ^\circ\text{C} = 25.0$									21K2
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x_1	0.0000	0.1049	0.2070	0.3037	0.3990	0.4985	0.5996	0.6998	0.8011
$\eta /(\text{mPa s})$	0.4236	0.4590	0.4949	0.5331	0.5762	0.6289	0.6890	0.7668	0.8590

x_1	0.8742	1.0000
$\eta /(\text{mPa s})$	0.9430	1.121

931 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₄H₈O₂ (2) **butyric acid** **107-92-6**

$x_2 = 0.0000$									62K1	
$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	95.0	
$\nu/(\text{mm}^2/\text{s})$	1.043	0.981	0.864	0.766	0.682	0.618	0.562	0.517	0.491	
$x_2 = 0.3533$									62K1	
$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	95.0	
$\nu/(\text{mm}^2/\text{s})$	1.156	1.076	0.944	0.837	0.751	0.677	0.613	0.561	0.538	
$x_2 = 0.6841$									62K1	
$T/^\circ\text{C}$	25.0	30.0	40.0	60.0	80.0	95.0				
$\nu/(\text{mm}^2/\text{s})$	1.340	1.272	1.100	0.860	0.693	0.603				
$x_2 = 1.0000$									62K1	
$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	95.0	
$\nu/(\text{mm}^2/\text{s})$	1.546	1.430	1.237	1.083	0.960	0.857	0.769	0.699	0.671	
932	C₂H₄O₂ (1)	acetic acid								64-19-7
	C₄H₈O₂ (2)	1,4-dioxane								123-91-1
$T/^\circ\text{C} = 25.0$									56K1	
x_1	0.02	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa}\cdot\text{s})$	1.181	1.187	1.285	1.333	1.332	1.193				
$T/^\circ\text{C} = 40.0$									56K1	
x_1	0.02	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa}\cdot\text{s})$	0.919	0.920	0.981	1.013	1.012	0.921				
$T/\text{K} = 288.15$									98G1	
x_1	0.081	0.149	0.210	0.306	0.468	0.638	0.815	0.888		
$\nu/(\text{mm}^2/\text{s})$	1.379	1.419	1.440	1.490	1.514	1.579	1.644	1.626		
$T/\text{K} = 298.15$									98G1	
x_1	0.081	0.149	0.210	0.306	0.468	0.638	0.815	0.888		
$\nu/(\text{mm}^2/\text{s})$	1.179	1.201	1.219	1.242	1.267	1.353	1.358	1.332		
$T/\text{K} = 308.15$									98G1	
x_1	0.081	0.149	0.210	0.306	0.468	0.638	0.815	0.888		
$\nu/(\text{mm}^2/\text{s})$	1.004	1.019	1.035	1.054	1.093	1.120	1.148	1.134		
$T/\text{K} = 318.15$									98G1	
x_1	0.081	0.149	0.210	0.306	0.468	0.638	0.815	0.888		
$\nu/(\text{mm}^2/\text{s})$	0.847	0.891	0.903	0.917	0.937	0.959	0.985	0.962		
$T/\text{K} = 328.15$									98G1	
x_1	0.018	0.035	0.051	0.082	0.152	0.265	0.474	0.618		
$\nu/(\text{mm}^2/\text{s})$	0.782	0.796	0.806	0.819	0.827	0.855	0.874	0.865		

933	C₂H₄O₂ (1)		acetic acid							64-19-7
	C₄H₈O₂ (2)		2-methyl-propanoic acid							79-31-2
<i>T</i> /°C = 11.0										14K1
<i>x</i> ₁	0.0000	0.3333	0.5000	0.6666	1.0000					
<i>η</i> / <i>η</i> _{water}	1.10	1.34	1.46	1.33	1.989					
934	C₂H₄O₂ (1)		acetic acid							64-19-7
	C₄H₁₀O (2)		butan-1-ol							71-36-3
<i>T</i> /°C = 25.0										91R4
<i>x</i> ₁	0.0000	0.0896	0.2111	0.3901	0.5459	0.6811	0.8007	0.9058	0.9636	
<i>η</i> /(mPa s)	2.5640	2.3700	2.1740	1.9575	1.7864	1.6275	1.5090	1.3670	1.2360	
<i>x</i> ₁	1.0000									
<i>η</i> /(mPa s)	1.1200									
<i>T</i> /°C = 35.0										91R4
<i>x</i> ₁	0.0000	0.0616	0.1103	0.2398	0.3656	0.4463	0.5595	0.6523	0.7443	
<i>η</i> /(mPa s)	1.9999	1.8696	1.8043	1.6609	1.5593	1.5062	1.4180	1.3590	1.2933	
<i>x</i> ₁	0.8252	0.9030	1.0000							
<i>η</i> /(mPa s)	1.2280	1.1369	0.9700							
<i>T</i> /°C = 40.0										91R4
<i>x</i> ₁	0.0000	0.0616	0.1103	0.2398	0.3656	0.4463	0.5595	0.6523	0.7443	
<i>η</i> /(mPa s)	1.7816	1.6293	1.5633	1.4162	1.3633	1.3281	1.2713	1.2225	1.1604	
<i>x</i> ₁	0.8252	0.9030	1.0000							
<i>η</i> /(mPa s)	1.0921	1.0165	0.9000							
<i>T</i> /°C = 45.0										91R4
<i>x</i> ₁	0.0000	0.0616	0.1103	0.2398	0.3656	0.4463	0.5595	0.6523	0.7443	
<i>η</i> /(mPa s)	1.5700	1.4321	1.3568	1.2174	1.1490	1.0825	1.0403	1.0007	0.9843	
<i>x</i> ₁	0.8252	0.9030	1.0000							
<i>η</i> /(mPa s)	0.9488	0.9253	0.8450							
935	C₂H₄O₂ (1)		acetic acid							64-19-7
	C₄H₁₀O (2)		ethoxy-ethane							60-29-7
<i>T</i> /°C = 0.0										32P1
<i>x</i> ₁	0.1240	0.2575	0.5949	0.6393	0.7490	0.9116				
<i>η</i> /(mPa s)	0.3608	0.4271	0.6540	0.8129	1.1428	1.4090				
<i>T</i> /°C = 10.0										32P1
<i>x</i> ₁	0.1240	0.2575	0.5949	0.6393	0.7490	0.9116	1.0000			
<i>η</i> /(mPa s)	0.3395	0.4032	0.5990	0.7447	0.9969	1.1988	1.6647			
<i>T</i> /°C = 20.0										32P1

x_1	0.1240	0.2575	0.5949	0.6393	0.9116	1.0000			
η /(mPa s)	0.3184	0.3737	0.5451	0.6641	1.0476	1.2960			
$T/^\circ\text{C} = 30.0$									32P1
x_1	0.1240	0.2575	0.5949	0.6393	0.7490	0.9116	1.0000		
η /(mPa s)	0.2837	0.3354	0.4830	0.5903	0.7376	0.8999	1.0996		
$T/^\circ\text{C} = 40.0$									32P1
x_1	0.2575	0.6393	0.7490	0.9116	1.0000				
η /(mPa s)	0.3088	0.5215	0.6621	0.7910	0.9601				
$T/^\circ\text{C} = 50.0$									32P1
x_1	0.5949	0.6393	0.7490	0.9116	1.0000				
η /(mPa s)	0.3937	0.4665	0.5877	0.6835	0.8288				
936	C₂H₄O₂ (1)		acetic acid						64-19-7
	C₅H₅N (2)		pyridine						110-86-1
$T/^\circ\text{C} = 30.0$									56V1
x_1	0.0000	0.1350	0.2599	0.3756	0.4837	0.5841	0.6781	0.7660	0.8509
η /(mPa s)	0.8354	0.9842	1.1390	1.3460	1.6480	2.0750	2.7040	3.3980	3.6240
x_1	0.9266	1.0000							
η /(mPa s)	2.5580	1.0400							
$T/^\circ\text{C} = 35.0$									34S2
x_2	0.00	0.15	0.20	0.25	0.30	0.40	0.60	0.80	1.00
η /(mPa s)	1.012	3.200	3.170	2.887	2.550	1.928	1.270	1.052	0.780
$T/^\circ\text{C} = 45.0$									34S2
x_2	0.00	0.15	0.20	0.25	0.30	0.40	0.60	0.80	1.00
η /(mPa s)	0.853	2.350	2.380	2.200	1.985	1.520	1.070	0.896	0.660
$T/^\circ\text{C} = 55.0$									34S2
x_2	0.00	0.15	0.20	0.25	0.30	0.40	0.60	0.80	1.00
η /(mPa s)	0.746	1.820	1.860	1.755	1.580	1.265	0.920	0.788	0.588
$T/^\circ\text{C} = 65.0$									34S2
x_2	0.00	0.20	0.25	0.30	0.40	0.60	0.80	1.00	
η /(mPa s)	0.660	1.500	1.430	1.305	1.080	0.780	0.682	0.535	
$T/^\circ\text{C} = 75.0$									34S2
x_2	0.00	0.20	0.25	0.30	0.40	0.60	0.80	1.00	
η /(mPa s)	0.582	1.257	1.175	1.093	0.935	0.710	0.620	0.484	
$T/^\circ\text{C} = 80.0$									34S2
x_2	0.00	0.20	0.25	0.30	0.40	0.60	0.80	1.00	
η /(mPa s)	0.540	1.115	1.070	1.000	0.873	0.670	0.583	0.465	
$T/^\circ\text{C} = 18.4$									12F1

x_1	0.00	0.50	0.80	0.825	0.85	1.00		
η /(mPa s)	1.20	2.83	5.83	6.13	6.01	1.35		
T /°C = 40.0								12F1
x_1	0.00	0.50	0.80	0.825	0.85	1.00		
η /(mPa s)	0.80	1.68	2.91	2.93	2.85	1.00		
T /°C = 70.0								12F1
x_1	0.00	0.50	0.80	0.825	0.85	1.00		
η /(mPa s)	0.55	1.00	1.43	1.45	1.43	0.60		
T /°C = 99.0								12F1
x_1	0.00	0.50	0.80	0.825	0.85	1.00		
η /(mPa s)	0.41	0.75	0.90	0.885	0.830	0.43		

937 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₅H₉NO (2) **1-methyl-pyrrolidin-2-one** **872-50-4**

T /°C = 20.0									67V2
w_2	0.00000	0.16510	0.30413	0.41344	0.54141	0.63289	0.72441	0.79788	
η /(mPa s)	1.21	2.02	2.65	3.05	3.21	3.06	2.73	2.46	
w_2	0.87058	0.93655	1.00000						
η /(mPa s)	2.26	2.00	1.83						
T /°C = 30.0									67V2
w_2	0.00000	0.16510	0.30413	0.41344	0.54141	0.63289	0.72441	0.79788	
η /(mPa s)	1.04	1.64	2.13	2.47	2.56	2.46	2.25	2.03	
w_2	0.87058	0.93655	1.00000						
η /(mPa s)	1.86	1.68	1.54						
T /°C = 40.0									67V2
w_2	0.00000	0.16510	0.30413	0.41344	0.54141	0.63289	0.72441	0.79788	
η /(mPa s)	0.903	1.38	1.76	1.99	2.10	2.05	1.87	1.71	
w_2	0.87058	0.93655	1.00000						
η /(mPa s)	1.57	1.44	1.33						

938 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₅H₁₀O (2) **pentan-2-one** **107-87-9**

T /°C = 25.0									39U2
x_1	0.0000	0.0997	0.1996	0.2989	0.3983	0.5013	0.6017	0.6987	0.8081
η /(mPa s)	0.4673	0.5074	0.5482	0.5923	0.6401	0.6986	0.7628	0.8390	0.9225
x_1	0.8922	1.0000							
η /(mPa s)	1.0110	1.1150							
T /°C = 35.0									39U2
x_1	0.0000	0.0997	0.1996	0.2989	0.3983	0.5013	0.6017	0.6987	0.8081

η /(mPa s)	0.4197	0.4551	0.4882	0.5246	0.5655	0.6134	0.6670	0.7270	0.8006
x_1	0.8922	1.0000							
η /(mPa s)	0.8780	0.9609							
$T/^\circ\text{C} = 45.0$									39U2
x_1	0.0000	0.0997	0.1996	0.2989	0.3983	0.5013	0.6017	0.6987	0.8081
η /(mPa s)	0.3782	0.4061	0.4339	0.4639	0.4989	0.5394	0.5838	0.6350	0.6961
x_1	0.8922	1.0000							
η /(mPa s)	0.7519	0.8328							
939	C₂H₄O₂ (1)		acetic acid						64-19-7
	C₆H₅NO₂ (2)		nitrobenzene						98-95-3
$T/^\circ\text{C} = 25.0$									96A1
x_1	0.0000	0.1650	0.3078	0.4326	0.5425	0.6402	0.7274	0.8059	0.8768
η /(mPa s)	1.8112	1.7313	1.6616	1.6023	1.5456	1.4880	1.4279	1.3651	1.2996
x_1	0.9412	1.0000							
η /(mPa s)	1.2320	1.1310							
$T/^\circ\text{C} = 35.0$									96A1
x_1	0.0000	0.1650	0.3078	0.4326	0.5425	0.6402	0.7274	0.8059	0.8768
η /(mPa s)	1.4573	1.4802	1.4530	1.4070	1.3504	1.2882	1.2237	1.1588	1.0948
x_1	0.9412	1.0000							
η /(mPa s)	1.0326	0.9487							
$T/^\circ\text{C} = 45.0$									96A1
x_1	0.0000	0.1650	0.3078	0.4326	0.5425	0.6402	0.7274	0.8059	0.8768
η /(mPa s)	1.1032	1.3142	1.3648	1.3533	1.3063	1.2400	1.1642	1.0849	1.0058
x_1	0.9412	1.0000							
η /(mPa s)	0.9289	0.7667							
$T/^\circ\text{C} = 20.0$									35U3
x_1	0.0000	0.0973	0.2745	0.2761	0.4254	0.4910	0.5463	0.7309	0.7767
η /(mPa s)	1.136	1.176	1.180	1.182	1.219	1.241	1.270	1.435	1.439
x_1	0.9325	1.0000							
η /(mPa s)	1.635	1.750							
$T/^\circ\text{C} = 40.0$									35U3
x_1	0.0000	0.0973	0.2745	0.2761	0.4254	0.4910	0.5463	0.7309	0.7767
η /(mPa s)	0.8516	0.8612	0.8708	0.8718	0.8938	0.9247	0.9489	1.1036	1.1602
x_1	0.9325	1.0000							
η /(mPa s)	1.1231	1.1287							
$T/^\circ\text{C} = 60.0$									35U3
x_1	0.0000	0.0973	0.2745	0.2761	0.4254	0.4910	0.5463	0.7309	0.7767
η /(mPa s)	0.6444	0.6525	0.6874	0.6878	0.7130	0.7347	0.7460	0.8032	0.8382

x_1	0.9325	1.0000							
$\eta /(\text{mPa s})$	0.9512	1.0350							
$T / ^\circ\text{C} = 80.0$									35U3
x_1	0.0000	0.0973	0.2745	0.2761	0.4254	0.4910	0.5463	0.7309	0.7767
$\eta /(\text{mPa s})$	0.5599	0.5632	0.5919	0.5932	0.6214	0.6298	0.6582	0.7098	0.7225
x_1	0.9325	1.0000							
$\eta /(\text{mPa s})$	0.8096	0.8952							
940	C₂H₄O₂ (1) C₆H₆ (2)		acetic acid benzene						64-19-7 71-43-2
$T / ^\circ\text{C} = 25.0$									61L2
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
$\eta /(\text{mPa s})$	0.602	0.598	0.617	0.636	0.672	0.802	1.133		
$T / ^\circ\text{C} = 25.0$									39U4
x_2	0.00	0.10	0.25	0.50	0.75	1.0			
$\eta /(\text{mPa s})$	1.1158	0.9008	0.7374	0.6298	0.5983	0.5899			
$T / ^\circ\text{C} = 25.0$									04D1
w_2	0.0000	0.1674	0.3493	0.4829	0.7726	0.8142	0.8973	0.9725	1.0000
$\eta /(\text{mPa s})$	1.174	0.8932	0.7341	0.6658	0.5969	0.5962	0.5907	0.5921	0.5978
941	C₂H₄O₂ (1) C₆H₆ (2)		formic acid methyl ester benzene						107-31-3 71-43-2
$T / \text{K} = 293.15$									98E1
x_2	0.0000	0.1003	0.2012	0.3045	0.4024	0.4996	0.5994	0.7016	0.8039
$\nu /(\text{mm}^2/\text{s})$	0.3611	0.3884	0.4083	0.4389	0.4665	0.4961	0.5316	0.5744	0.6156
x_2	0.9050	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.6797	0.7408							
942	C₂H₄O₂ (1) C₆H₆O (2)		acetic acid phenol						64-19-7 108-95-2
$T / ^\circ\text{C} = 50.0$									58B2
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70		
$\eta /(\text{mPa s})$	0.84	1.03	1.22	1.44	1.69	1.97	2.29		
$T / ^\circ\text{C} = 70.0$									58B2
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70		
$\eta /(\text{mPa s})$	0.60	0.69	0.79	0.89	1.01	1.14	1.29		
$T / ^\circ\text{C} = 90.0$									58B2

x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70		
$\eta /(\text{mPa s})$	0.44	0.50	0.55	0.62	0.67	0.74	0.81		

943	C₂H₄O₂ (1)		acetic acid						64-19-7
	C₆H₇N (2)		aniline						62-53-3
$T/^\circ\text{C} = 0.0$									38K1
x_2	0.0000	0.0382	0.0652	0.0972	0.132	0.186	0.229	0.257	0.286
$\eta /(\text{mPa s})$	2.010	4.149	9.182	18.099	32.299	102.040	145.138	176.409	184.16
x_2	0.300	0.333	0.350	0.377	0.428	0.497	0.546	0.596	0.675
$\eta /(\text{mPa s})$	190.114	183.150	176.991	163.132	111.111	75.244	56.486	42.698	25.799
x_2	0.718	0.799	0.860	1.000					
$\eta /(\text{mPa s})$	22.701	16.498	14.200	9.633					
$T/^\circ\text{C} = 15.0$									38K1
x_2	0.0000	0.0382	0.0652	0.0972	0.132	0.186	0.229	0.257	0.286
$\eta /(\text{mPa s})$	1.48	2.75	5.04	8.67	15.0	26.4	36.4	43.7	44.8
x_2	0.300	0.333	0.350	0.377	0.428	0.497	0.546	0.596	0.675
$\eta /(\text{mPa s})$	45.9	45.5	41.6	38.7	31.0	24.5	18.5	15.7	10.7
x_2	0.718	0.799	0.860	1.000					
$\eta /(\text{mPa s})$	9.86	7.48	6.58	5.10					
$T/^\circ\text{C} = 25.0$									38K1
x_2	0.0000	0.0382	0.0652	0.0972	0.132	0.186	0.229	0.257	0.286
$\eta /(\text{mPa s})$	1.27	2.15	3.65	5.78	8.79	14.2	18.5	20.3	20.8
x_2	0.300	0.333	0.350	0.377	0.428	0.497	0.546	0.596	0.675
$\eta /(\text{mPa s})$	21.2	20.5	20.1	19.0	15.9	13.5	10.7	8.63	6.68
x_2	0.718	0.799	0.860	1.000					
$\eta /(\text{mPa s})$	6.20	5.08	4.57	3.61					
$T/^\circ\text{C} = 35.0$									38K1
x_2	0.0000	0.0382	0.0652	0.0972	0.132	0.186	0.229	0.257	0.286
$\eta /(\text{mPa s})$	1.080	1.719	2.720	4.070	5.691	8.510	10.504	11.402	11.600
x_2	0.300	0.333	0.350	0.377	0.428	0.497	0.546	0.596	0.675
$\eta /(\text{mPa s})$	11.806	11.507	11.111	10.706	9.016	7.704	6.510	5.571	4.480
x_2	0.718	0.799	0.860	1.000					
$\eta /(\text{mPa s})$	4.219	3.610	3.300	2.699					
$T/^\circ\text{C} = 50.0$									38K1
x_2	0.0000	0.0382	0.0652	0.0972	0.132	0.186	0.229	0.257	0.286
$\eta /(\text{mPa s})$	0.883	1.27	1.83	2.51	3.26	4.27	5.14	5.40	5.52
x_2	0.300	0.333	0.350	0.377	0.428	0.497	0.546	0.596	
$\eta /(\text{mPa s})$	5.58	5.43	5.33	5.16	4.61	4.03	3.60	3.22	
x_2	0.718	0.799	0.860	1.000					
$\eta /(\text{mPa s})$	2.68	2.39	2.25	1.87					

$T/^\circ\text{C} = 75.0$									38K1
x_2	0.0000	0.0382	0.0652	0.0972	0.132	0.186	0.229	0.257	0.286
$\eta /(\text{mPa s})$	0.660	0.83	1.0599	1.2899	1.5498	1.8698	2.0999	2.2002	2.2401
x_2	0.300	0.333	0.350	0.377	0.428	0.497	0.546	0.596	
$\eta /(\text{mPa s})$	2.2099	2.2002	2.1701	2.1500	2.0909	1.9098	1.7617	1.6199	
x_2	0.799	0.860	1.000						
$\eta /(\text{mPa s})$	1.4200	1.3500	1.1599						
$T/^\circ\text{C} = 25.0$									36A1
x_2	0.0000	0.0646	0.1354	0.2110	0.2904	0.3840	0.4859	0.5919	0.7132
$\eta /(\text{mPa s})$	1.40	4.08	9.46	15.72	17.81	14.74	11.18	7.87	5.48
x_2	0.8468	1.0000							
$\eta /(\text{mPa s})$	4.13	3.40							
$T/^\circ\text{C} = 30.4$									24P1
w_1	0.00000	0.07626	0.15286	0.21306	0.29426	0.39208	0.47667	0.52340	0.5916
$\eta /(\text{mPa s})$	3.193	3.616	4.137	4.996	6.551	9.291	12.255	13.813	15.340
w_1	0.61915	0.65380	0.71427	0.79944	0.85403	0.93392	1.0000		
$\eta /(\text{mPa s})$	15.530	15.210	13.220	8.295	5.183	2.206	1.067		
$T/^\circ\text{C} = 25.0$									13T1
w_1	0.000	0.377	0.5045	0.555	0.591	0.621	0.753	0.845	1.000
$\eta /(\text{mPa s})$	3.62	11.8	18.1	20.3	21.4	21.9	12.3	7.29	1.34
$T/^\circ\text{C} = 50.0$									13T1
w_1	0.000	0.377	0.555	0.591	0.621	0.845	1.000		
$\eta /(\text{mPa s})$	2.01	3.82	5.23	5.58	5.65	2.96	0.791		
$T/^\circ\text{C} = 18.0$									12F1
x_2	0.00	0.20	0.25	0.30	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	1.391	19.20	21.55	22.57	19.55	8.70	4.60	3.28	
$T/^\circ\text{C} = 59.0$									12F1
x_2	0.00	0.20	0.25	0.30	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	0.70	2.93	3.37	3.54	3.22	2.23	1.74	1.50	
$T/^\circ\text{C} = 100.0$									12F1
x_2	0.00	0.20	0.25	0.30	0.40	0.60	0.80	1.00	
$\eta /(\text{mPa s})$	0.43	0.74	0.85	0.83	0.80	0.70	0.60	0.52	

944	C₂H₄O₂ (1)	acetic acid							64-19-7
	C₆H₁₂ (2)	cyclohexane							110-82-7
$T/^\circ\text{C} = 25.0$									90M1
w_1	0.000	0.091	0.167	0.231	0.286	0.375	0.444	0.500	0.555
$\eta /(\text{mPa s})$	0.90	0.81	0.72	0.71	0.68	0.69	0.70	0.72	0.74

w_1	0.625	0.714	0.769	0.833	0.909	1.000			
$\eta /(\text{mPa s})$	0.77	0.80	0.82	0.84	0.95	1.13			

945 $\text{C}_2\text{H}_4\text{O}_2$ (1) **acetic acid** **64-19-7**
 $\text{C}_6\text{H}_{12}\text{O}$ (2) **4-methyl-pentan-2-one** **108-10-1**

$T/\text{K} = 283.15$ 89M3

x_1	0.0000	0.2046	0.2591	0.4109	0.6143	0.7994	0.9701		
$\eta /(\text{mPa s})$	0.6552	0.7722	0.7932	0.9303	1.0760	1.2406	1.4609		

$T/\text{K} = 293.15$ 89M3

x_1	0.0000	0.1970	0.2018	0.4038	0.6014	0.7996	1.0000		
$\eta /(\text{mPa s})$	0.5960	0.6567	0.6613	0.7502	0.8817	1.0526	1.2582		

$T/\text{K} = 303.15$ 89M3

x_1	0.0000	0.2026	0.4228	0.4991	0.5992	0.8018	1.0000		
$\eta /(\text{mPa s})$	0.5118	0.5693	0.6641	0.7178	0.7995	0.8839	1.0705		

$T/^\circ\text{C} = 20.0$ 76H1

x_2	0.000	0.048	0.103	0.164	0.234	0.314	0.406	0.514	0.647
$\eta /(\text{mPa s})$	1.2258	1.1789	1.1219	1.0648	1.0043	0.9417	0.8773	0.8105	0.7427

x_2	0.806	1.000							
$\eta /(\text{mPa s})$	0.6691	0.5848							

$T/^\circ\text{C} = 25.0$ 76H1

x_2	0.000	0.048	0.103	0.164	0.234	0.314	0.406	0.514	0.647
$\eta /(\text{mPa s})$	1.1302	1.0852	1.0371	0.9866	0.9325	0.8743	0.8108	0.7520	0.6880

x_2	0.805	1.000							
$\eta /(\text{mPa s})$	0.6272	0.5463							

$T/^\circ\text{C} = 35.0$ 76H1

x_2	0.000	0.048	0.103	0.164	0.234	0.314	0.406	0.514	0.647
$\eta /(\text{mPa s})$	0.9795	0.9387	0.8955	0.8505	0.8030	0.7592	0.7072	0.6636	0.6078

x_2	0.805	1.000							
$\eta /(\text{mPa s})$	0.5546	0.4871							

$T/^\circ\text{C} = 45.0$ 76H1

x_2	0.000	0.048	0.102	0.164	0.233	0.313	0.405	0.514	0.646
$\eta /(\text{mPa s})$	0.8536	0.8200	0.7844	0.7456	0.7080	0.6696	0.6271	0.5844	0.5401

x_2	0.805	1.000							
$\eta /(\text{mPa s})$	0.4944	0.4373							

946 $\text{C}_2\text{H}_4\text{O}_2$ (1) **acetic acid** **64-19-7**
 $\text{C}_6\text{H}_{12}\text{O}_2$ (2) **acetic acid butyl ester** **123-86-4**

$T/\text{K} = 283.15$ 89M3

x_1	0.0000	0.2065	0.4014	0.5951	0.7926	0.9507
η /(mPa s)	0.9242	0.9329	1.0405	1.1282	1.2536	1.4560

 $T/\text{K} = 293.15$

89M3

x_1	0.0000	0.2029	0.4065	0.6007	0.8032	1.0000
η /(mPa s)	0.7914	0.8056	0.8637	0.9505	1.0560	1.2582

 $T/\text{K} = 303.15$

89M3

x_1	0.0000	0.1869	0.3926	0.6044	0.8012	1.0000
η /(mPa s)	0.6664	0.7059	0.7401	0.8166	0.9051	1.0705

 $T/^\circ\text{C} = 25.0$

55U1

x_2	0.0000	0.1025	0.2035	0.2989	0.3998	0.4907	0.6449	0.8015	0.8705
η /(mPa s)	1.118	1.003	0.947	0.887	0.842	0.811	0.770	0.729	0.716

x_2	0.8806	0.9096	0.9315	0.9427	0.9605	0.9779	1.0000
η /(mPa s)	0.723	0.712	0.698	0.698	0.696	0.686	0.669

 $T/^\circ\text{C} = 40.0$

55U1

x_2	0.0000	0.1025	0.2035	0.2989	0.3998	0.4907	0.6449	0.8015	0.8705
η /(mPa s)	0.905	0.811	0.767	0.724	0.685	0.671	0.630	0.599	0.589

x_2	0.8806	0.9096	0.9315	0.9427	0.9605	0.9779	1.0000
η /(mPa s)	0.592	0.583	0.580	0.580	0.574	0.563	0.555

 $T/^\circ\text{C} = 60.0$

55U1

x_2	0.0000	0.1025	0.2035	0.2989	0.3998	0.4907	0.6449	0.8015	0.8705
η /(mPa s)	0.694	0.634	0.595	0.568	0.543	0.527	0.499	0.478	0.467

x_2	0.8806	0.9096	0.9315	0.9427	0.9605	0.9779	1.0000
η /(mPa s)	0.467	0.460	0.457	0.457	0.457	0.450	0.443

947**C₂H₄O₂ (1)**
C₆H₁₂O₂ (2)**acetic acid**
hexanoic acid**64-19-7**
142-62-1 $x_2 = 0.0000$

62K1

$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	95.0
ν /(mm ² /s)	1.043	0.981	0.864	0.766	0.682	0.618	0.562	0.517	0.491

 $x_2 = 0.0628$

62K1

$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	95.0
ν /(mm ² /s)	1.155	1.073	0.937	0.827	0.737	0.662	0.599	0.547	0.525

 $x_2 = 0.1995$

62K1

$T/^\circ\text{C}$	25.0	40.0	60.0	80.0	95.0
ν /(mm ² /s)	1.395	1.111	0.858	0.685	0.596

 $x_2 = 0.3533$

62K1

$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	95.0
ν /(mm ² /s)	1.560	1.441	1.237	1.079	0.956	0.853	0.761	0.690	0.657

 $x_2 = 0.5662$

62K1

$T/^\circ\text{C}$	25.0	40.0	60.0	80.0	95.0				
$\nu/(\text{mm}^2/\text{s})$	2.090	1.587	1.187	0.923	0.784				
$x_2 = 0.7701$									62K1
$T/^\circ\text{C}$	25.0	40.0	60.0	80.0	95.0				
$\nu/(\text{mm}^2/\text{s})$	2.640	1.972	1.421	1.083	0.905				
$x_2 = 1.0000$									62K1
$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	95.0
$\nu/(\text{mm}^2/\text{s})$	3.085	2.784	2.303	1.940	1.664	1.442	1.262	1.119	1.057
948	$\text{C}_2\text{H}_4\text{O}_2$ (1)		acetic acid						64-19-7
	C_6H_{14} (2)		hexane						110-54-3
$T/^\circ\text{C} = 25.0$									66M1
x_1	0.0252	0.1008	0.1317	0.2725	0.4087	0.6083	0.7197	0.7707	0.8419
$\eta/(\text{mPa s})$	0.300	0.304	0.307	0.320	0.343	0.418	0.493	0.539	0.631
x_1	0.9041	0.9535	1.0000						
$\eta/(\text{mPa s})$	0.754	0.912	1.146						
$T/^\circ\text{C} = 40.0$									66M1
x_1	0.0252	0.1008	0.1317	0.2725	0.4087	0.6083	0.7197	0.7707	0.8419
$\eta/(\text{mPa s})$	0.262	0.261	0.263	0.274	0.295	0.354	0.415	0.453	0.527
x_1	0.9041	0.9535	1.0000						
$\eta/(\text{mPa s})$	0.626	0.745	0.917						
$T/^\circ\text{C} = 55.0$									66M1
x_1	0.0252	0.1008	0.1317	0.2725	0.4087	0.6083	0.7197	0.7707	0.8419
$\eta/(\text{mPa s})$	0.229	0.230	0.231	0.239	0.256	0.306	0.356	0.388	0.449
x_1	0.9041	0.9535	1.0000						
$\eta/(\text{mPa s})$	0.531	0.627	0.757						
949	$\text{C}_2\text{H}_4\text{O}_2$ (1)		acetic acid						64-19-7
	$\text{C}_7\text{H}_8\text{O}$ (2)		phenylmethanol						100-51-6
$T/^\circ\text{C} = 15.0$									93W1
x_1	0.0000	0.1670	0.3109	0.4361	0.5460	0.6434	0.7302	0.8081	
$\eta/(\text{mPa s})$	6.23484	6.63172	6.41403	5.56234	4.71066	3.97077	3.20738	2.69222	
x_1	0.8783	0.9420	1.0000						
$\eta/(\text{mPa s})$	2.17707	1.76707	1.35707						
$T/^\circ\text{C} = 20.0$									93W1
x_1	0.0000	0.1670	0.3109	0.4361	0.5460	0.6434	0.7302	0.8081	
$\eta/(\text{mPa s})$	5.58190	5.86320	5.59834	4.82933	4.06031	3.47989	2.85238	2.36875	
x_1	0.8783	0.9420	1.0000						
$\eta/(\text{mPa s})$	1.94512	1.58356	1.22200						

$T/^\circ\text{C} = 25.0$									93W1
x_1	0.0000	0.1670	0.3109	0.4361	0.5460	0.6434	0.7302	0.8081	
$\eta /(\text{mPa s})$	4.92891	5.11257	4.78496	4.09506	3.40517	2.99069	2.49558	2.13445	
x_1	0.8783	0.9420	1.0000						
$\eta /(\text{mPa s})$	1.77332	1.45200	1.13080						
950	$\text{C}_2\text{H}_4\text{O}_2$ (1) $\text{C}_7\text{H}_9\text{N}$ (2)		acetic acid 2-methyl-aniline						64-19-7 95-53-4
$T/^\circ\text{C} = 25.0$									36A1
x_2	0.0000	0.0560	0.1166	0.1841	0.2583	0.3437	0.4407	0.5520	0.6703
$\eta /(\text{mPa s})$	1.40	3.63	8.36	14.07	19.16	16.08	11.99	8.17	5.83
x_2	0.8213	1.0000							
$\eta /(\text{mPa s})$	4.30	3.39							
951	$\text{C}_2\text{H}_4\text{O}_2$ (1) $\text{C}_7\text{H}_9\text{N}$ (2)		acetic acid 3-methyl-aniline						64-19-7 108-44-1
$T/^\circ\text{C} = 25.0$									36A1
x_2	0.0000	0.0560	0.1166	0.1841	0.2583	0.3437	0.4407	0.5520	0.6703
$\eta /(\text{mPa s})$	1.40	4.08	8.17	15.77	21.34	21.10	16.00	10.38	6.42
x_2	0.8213	1.0000							
$\eta /(\text{mPa s})$	4.10	2.94							
952	$\text{C}_2\text{H}_4\text{O}_2$ (1) $\text{C}_7\text{H}_{14}\text{O}$ (2)		acetic acid 5-methyl-hexan-2-one						64-19-7 110-12-3
$T/\text{K} = 283.15$									89M3
x_1	0.0000	0.2013	0.3998	0.6017	0.7922	0.9685			
$\eta /(\text{mPa s})$	0.8946	1.0149	1.1215	1.2332	1.3463	1.4776			
$T/\text{K} = 293.15$									89M3
x_1	0.0000	0.2048	0.4285	0.5993	0.8005	1.0000			
$\eta /(\text{mPa s})$	0.7949	0.8688	0.9505	1.0711	1.1569	1.2582			
$T/\text{K} = 303.15$									89M3
x_1	0.0000	0.1978	0.3954	0.6008	0.8010	1.0000			
$\eta /(\text{mPa s})$	0.6780	0.7485	0.8146	0.8953	0.9953	1.0705			
953	$\text{C}_2\text{H}_4\text{O}_2$ (1) $\text{C}_7\text{H}_{14}\text{O}_2$ (2)		acetic acid acetic acid pentyl ester						64-19-7 628-63-7
$T/^\circ\text{C} = 25.0$									55U1
x_2	0.0000	0.0945	0.2018	0.3035	0.4048	0.4599	0.5117	0.6074	0.6957

η /(mPa s)	1.118	1.055	1.049	0.994	0.978	1.002	1.005	0.980	0.974
x_2	0.7878	0.8912	1.0000						
η /(mPa s)	0.917	0.881	0.818						
$T/^\circ\text{C} = 40.0$									55U1
x_2	0.0000	0.0945	0.2018	0.3035	0.4048	0.4599	0.5117	0.6074	0.6957
η /(mPa s)	0.905	0.853	0.831	0.799	0.781	0.797	0.798	0.777	0.772
x_2	0.7878	0.8912	1.0000						
η /(mPa s)	0.734	0.708	0.663						
$T/^\circ\text{C} = 60.0$									55U1
x_2	0.0000	0.0945	0.2018	0.3035	0.4048	0.4599	0.5117	0.6074	0.6957
η /(mPa s)	0.694	0.669	0.613	0.616	0.603	0.609	0.609	0.595	0.589
x_2	0.7878	0.8912	1.0000						
η /(mPa s)	0.566	0.547	0.522						
954	C₂H₄O₂ (1) C₈H₈O (2)		acetic acid 1-phenyl-ethanone						64-19-7 98-86-2
$T/^\circ\text{C} = 25.0$									21K2
x_1	0.0000	0.0998	0.2107	0.2935	0.4253	0.4885	0.6003	0.6998	0.8002
η /(mPa s)	1.681	1.7407	1.7536	1.742	1.703	1.668	1.598	1.524	1.420
x_1	0.9013	1.0000							
η /(mPa s)	1.293	1.121							
955	C₂H₄O₂ (1) C₈H₁₀ (2)		acetic acid 1,2-dimethyl-benzene						64-19-7 95-47-6
$T/\text{K} = 298.15$									91K2
x_1	0.0000	0.1158	0.2591	0.4575	0.6108	0.7375	0.8402	0.9267	0.9712
η /(mPa s)	0.7691	0.7430	0.7502	0.7744	0.7966	0.8341	0.9161	1.0431	1.1369
x_1	1.0000								
η /(mPa s)	1.2102								
956	C₂H₄O₂ (1) C₈H₁₀ (2)		acetic acid 1,3-dimethyl-benzene						64-19-7 108-38-3
$T/^\circ\text{C} = 20.0$									93R1
x_1	0.0000	0.1282	0.2334	0.4236	0.5630	0.6806	0.7237	0.7632	0.8495
η /(mPa s)	0.6170	0.6484	0.6803	0.7475	0.8080	0.8743	0.9040	0.9346	1.0148
x_1	0.9651	1.0000							
η /(mPa s)	1.1603	1.2125							
$T/^\circ\text{C} = 30.0$									93R1

x_1	0.0000	0.1282	0.2334	0.4236	0.5630	0.6806	0.7237	0.7632	0.8495
$\eta / (\text{mPa s})$	0.5541	0.5744	0.5945	0.6386	0.6857	0.7429	0.7660	0.7910	0.8623
x_1	0.9651	1.0000							
$\eta / (\text{mPa s})$	0.9887	1.0400							
$T / ^\circ\text{C} = 40.0$									93R1
x_1	0.0000	0.1282	0.2334	0.4236	0.5630	0.6806	0.7237	0.7632	0.8495
$\eta / (\text{mPa s})$	0.5130	0.5272	0.5375	0.5640	0.6005	0.6489	0.6721	0.6962	0.7584
x_1	0.9651	1.0000							
$\eta / (\text{mPa s})$	0.8662	0.9050							
$T / ^\circ\text{C} = 50.0$									93R1
x_1	0.0000	0.1282	0.2334	0.4236	0.5630	0.6806	0.7237	0.7632	0.8495
$\eta / (\text{mPa s})$	0.4883	0.4939	0.4956	0.5044	0.5292	0.5686	0.5898	0.6117	0.6740
x_1	0.9651	1.0000							
$\eta / (\text{mPa s})$	0.7589	0.7811							
$T / \text{K} = 298.15$									91K2
x_1	0.0000	0.1170	0.2643	0.4617	0.6165	0.7414	0.8430	0.9280	0.9720
$\eta / (\text{mPa s})$	0.5871	0.5814	0.5931	0.6558	0.7003	0.7577	0.8706	1.0173	1.1272
x_1	1.0000								
$\eta / (\text{mPa s})$	1.2102								
957	C₂H₄O₂ (1) C₈H₁₀ (2)		acetic acid 1,4-dimethyl-benzene						64-19-7 106-42-3
$T / \text{K} = 298.15$									91K2
x_1	0.0000	0.1166	0.2643	0.4633	0.6174	0.7417	0.8438	0.9282	0.9721
$\eta / (\text{mPa s})$	0.6096	0.6067	0.6213	0.6523	0.6931	0.7696	0.8850	1.0377	1.1353
x_1	1.0000								
$\eta / (\text{mPa s})$	1.2102								
958	C₂H₄O₂ (1) C₈H₁₁N (2)		acetic acid N,N-dimethyl-aniline						64-19-7 121-69-7
$T / ^\circ\text{C} = 25.0$									40U1
x_1	0.0000	0.1008	0.2010	0.3424	0.3973	0.4957	0.5978	0.7002	0.7928
$\eta / (\text{mPa s})$	1.3204	1.3634	1.4480	1.6438	1.7536	2.0404	2.5467	3.3519	4.2442
x_1	0.8476	0.9025	1.0000						
$\eta / (\text{mPa s})$	4.5135	3.8194	1.1060						
$T / ^\circ\text{C} = 45.0$									40U1
x_1	0.0000	0.1008	0.2010	0.3424	0.3973	0.4957	0.5978	0.7002	0.7928
$\eta / (\text{mPa s})$	0.9484	0.9835	1.0197	1.1057	1.1596	1.2806	1.4878	1.8312	2.1925
x_1	0.8476	0.9025	1.0000						

η /(mPa s)	2.3272	2.0850	0.8264						
$T/^\circ\text{C} = 65.0$									
x_1	0.0000	0.1008	0.2010	0.3424	0.3973	0.4957	0.5978	0.7002	0.7928
η /(mPa s)	0.7429	0.7585	0.7757	0.8147	0.8590	0.8969	0.9922	1.1522	1.3198
x_1	0.8476	0.9025	1.0000						
η /(mPa s)	1.3848	1.3026	0.6445						

959 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₉H₇N (2) **quinoline** **91-22-5**

$T/^\circ\text{C} = 0.0$ 56M1

x_2 0.1001 0.1997 0.3055 0.3271 0.4821 0.5100 0.5962 0.6998 0.8008

η /(mPa s) 9.03 18.59 20.44 20.73 16.30 15.14 12.13 9.47 7.97

x_2 0.9062 1.0000

η /(mPa s) 6.96 6.34

$T/^\circ\text{C} = 20.0$ 56M1

x_2 0.0000 0.0544 0.1001 0.1509 0.1997 0.3055 0.3271 0.3525 0.4821

η /(mPa s) 1.232 2.80 5.09 6.28 7.61 8.11 8.17 8.04 7.13

x_2 0.5100 0.5300 0.5962 0.6546 0.6998 0.8008 0.9062 1.0000

η /(mPa s) 6.90 6.67 6.09 5.55 5.26 4.55 4.08 3.76

960 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₉H₁₀O₂ (2) **benzoic acid ethyl ester** **93-89-0**

$T/^\circ\text{C} = 25.0$ 21K2

x_1 0.0000 0.1041 0.2129 0.3045 0.3882 0.4750 0.5822 0.6826 0.7956

η /(mPa s) 1.982 1.948 1.874 1.797 1.727 1.651 1.538 1.446 1.322

x_1 0.9132 1.0000

η /(mPa s) 1.202 1.121

961 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₉H₁₈O₂ (2) **butyric acid pentyl ester** **540-18-1**

$T/^\circ\text{C} = 25.0$ 55U1

x_2 0.0000 0.1013 0.1499 0.2007 0.2515 0.3014 0.4000 0.4999 0.6018

η /(mPa s) 1.12 1.06 1.04 1.02 1.03 1.03 1.04 1.05 1.07

x_2 0.6919 0.8040 0.8906 0.9459 1.0000

η /(mPa s) 1.08 1.08 1.08 1.07 1.07

$T/^\circ\text{C} = 40.0$ 55U1

x_2 0.0000 0.1013 0.1499 0.2007 0.2515 0.3014 0.4000 0.4999 0.6018

η /(mPa s) 0.905 0.853 0.836 0.824 0.827 0.833 0.833 0.846 0.850

x_2	0.6919	0.8040	0.8906	0.9459	1.0000				
$\eta /(\text{mPa s})$	0.859	0.560	0.861	0.859	0.860				
$T / ^\circ\text{C} = 60.0$									55U1
x_2	0.0000	0.1013	0.1499	0.2007	0.2515	0.3014	0.4000	0.4999	0.6018
$\eta /(\text{mPa s})$	0.694	0.662	0.653	0.644	0.642	0.645	0.645	0.656	0.657
x_2	0.6919	0.8040	0.8906	0.9459	1.0000				
$\eta /(\text{mPa s})$	0.665	0.661	0.667	0.664	0.664				

962 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₁₀H₁₄N₂ (2) **(S)-(-)-nicotine** **54-11-5**

$T / ^\circ\text{C} = 25.0$ 49B1

x_2	0.0000	0.1169	0.1985	0.2129	0.2369	0.2489	0.2602	0.2952	0.3062
$\eta /(\text{mPa s})$	1.2414	23.0437	74.9779	93.4620	109.9025	111.9087	110.8937	94.1461	86.556

x_2	0.3711	0.4700	0.5888	0.7306	0.8435	1.0000			
$\eta /(\text{mPa s})$	56.3141	24.1021	15.2012	8.7511	7.0722	3.8942			

$T / ^\circ\text{C} = 50.0$ 49B1

x_2	0.0000	0.1169	0.1985	0.2129	0.2369	0.2489	0.2602	0.2952	0.3062
$\eta /(\text{mPa s})$	0.8724	7.7773	18.1158	20.8027	21.6277	22.0874	21.7225	19.4717	18.649

x_2	0.3711	0.4700	0.5888	0.7306	0.8435	1.0000			
$\eta /(\text{mPa s})$	13.2105	7.7086	5.2078	3.6097	3.0848	2.0376			

$T / ^\circ\text{C} = 75.0$ 49B1

x_2	0.0000	0.1169	0.1985	0.2129	0.2369	0.2489	0.2602	0.2952	0.3062
$\eta /(\text{mPa s})$	0.5974	3.7762	7.0018	7.4297	7.5042	7.6179	7.4415	6.7915	6.5005

x_2	0.3711	0.4700	0.5888	0.7306	0.8435	1.0000			
$\eta /(\text{mPa s})$	5.1660	3.4461	2.5134	1.9164	1.7226	1.2626			

963 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₁₀H₁₅N (2) **N,N-diethyl-aniline** **91-66-7**

$T / ^\circ\text{C} = 25.0$ 40U1

x_1	0.0000	0.0992	0.1985	0.2959	0.3986	0.5022	0.5980	0.7002	0.7469
$\eta /(\text{mPa s})$	1.9298	2.0808	2.3426	2.7216	3.4622	4.6386	6.3997	9.5480	10.939

x_1	0.7982	0.8467	0.9027	1.0000					
$\eta /(\text{mPa s})$	12.004	10.948	6.5382	1.1060					

$T / ^\circ\text{C} = 45.0$ 40U1

x_1	0.0000	0.0992	0.1985	0.2959	0.3986	0.5022	0.5980	0.7002	0.7469
$\eta /(\text{mPa s})$	1.2735	1.3628	1.4887	1.5971	1.9104	2.4081	3.1001	4.1981	4.7206

x_1	0.7982	0.8467	0.9027	1.0000					
$\eta /(\text{mPa s})$	5.1593	4.9652	3.5273	0.8264					

$T / ^\circ\text{C} = 65.0$ 40U1

x_1	0.0000	0.0992	0.1985	0.2959	0.3986	0.5022	0.5980	0.7002	0.7469
η /(mPa s)	0.9190	0.9420	0.9865	1.0643	1.2183	1.4547	1.7696	2.2833	2.5292
x_1	0.7982	0.8467	0.9027	1.0000					
η /(mPa s)	2.7335	2.7120	2.1686	0.6445					

964 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₁₂H₁₁N (2) **diphenylamine** **122-39-4**

$T/^\circ\text{C} = 50.0$ 59U1

x_2	0.0000	0.1031	0.2023	0.4039	0.5079	0.6113	0.6724	0.7895	1.0000
η /(mPa s)	0.818	1.083	1.242	2.267	2.799	3.350	3.714	4.486	5.993

$T/^\circ\text{C} = 70.0$ 59U1

x_2	0.0000	0.1031	0.2023	0.4039	0.5079	0.6113	0.6724	0.7895	1.0000
η /(mPa s)	0.621	0.744	0.898	1.528	1.712	1.989	2.153	2.499	3.152

$T/^\circ\text{C} = 90.0$ 59U1

x_2	0.0000	0.1031	0.2023	0.4039	0.5079	0.6113	0.6724	0.7895	1.0000
η /(mPa s)	0.472	0.592	0.650	1.011	1.144	1.286	1.385	1.573	1.854

965 **C₂H₄O₂ (1)** **acetic acid** **64-19-7**
C₁₈H₃₆O₂ (2) **acetic acid hexadecyl ester** **629-70-9**

$T/^\circ\text{C} = 40.0$ 55S1

x_2	0.0000	0.0934	0.2874	0.5108	0.6855	1.0000			
η /(mPa s)	0.905	1.46	2.58	3.72	4.39	5.01			

$T/^\circ\text{C} = 50.0$ 55S1

x_2	0.0000	0.0934	0.2874	0.5108	0.6855	1.0000			
η /(mPa s)	0.767	1.25	2.13	2.99	3.50	3.85			

$T/^\circ\text{C} = 60.0$ 55S1

x_2	0.0000	0.0934	0.2874	0.5108	0.6855	1.0000			
η /(mPa s)	0.694	1.09	1.83	2.47	2.86	3.20			

$T/^\circ\text{C} = 70.0$ 55S1

x_2	0.0000	0.0934	0.2874	0.5108	0.6855	1.0000			
η /(mPa s)	0.607	0.956	1.59	2.12	2.37	2.67			

966 **C₂H₅ClO (1)** **2-chloro-ethanol** **107-07-3**
C₂H₆O (2) **ethanol** **64-17-5**

$T/\text{K} = 298.15$ 98A1

x_1	0.0000	0.0955	0.2589	0.2902	0.3931	0.4925	0.5932	0.6938	0.7947
η /(mPa s)	1.007	1.086	1.262	1.302	1.450	1.610	1.798	2.001	2.222

x_1 0.8984 1.0000

η /(mPa s)	2.538	2.810							
T /K = 303.15									98A1
x_1	0.0000	0.0955	0.2589	0.2902	0.3931	0.4925	0.5932	0.6938	0.7947
η /(mPa s)	0.918	0.987	1.140	1.174	1.306	1.447	1.601	1.772	1.958
x_1	0.8984	1.0000							
η /(mPa s)	2.197	2.448							
T /K = 308.15									98A1
x_1	0.0000	0.0955	0.2589	0.2902	0.3931	0.4925	0.5932	0.6938	0.7947
η /(mPa s)	0.834	0.897	1.034	1.065	1.179	1.297	1.432	1.579	1.735
x_1	0.8984	1.0000							
η /(mPa s)	1.932	2.150							
967	C₂H₅ClO (1) C₂H₆O₂ (2)		2-chloro-ethanol ethane-1,2-diol						107-07-3 107-21-1
T /K = 293.15									99T1
x_2	0.0000	0.1328	0.2605	0.3003	0.3636	0.4644	0.5437	0.6211	0.6983
η /(mPa s)	3.588	4.422	5.484	5.879	6.593	7.922	9.223	10.660	12.255
x_2	0.7424	0.8141	0.8422	0.9168	1.0000				
η /(mPa s)	13.295	15.205	15.976	18.256	20.806				
968	C₂H₅ClO (1) C₃H₆O₂ (2)		2-chloro-ethanol acetic acid methyl ester						107-07-3 79-20-9
T /K = 298.15									99A6
x_1	0.0000	0.1021	0.2013	0.3049	0.4029	0.5056	0.6047	0.7046	0.7987
η /(mPa s)	0.384	0.438	0.501	0.587	0.691	0.844	1.039	1.324	1.688
x_1	0.9014	1.0000							
η /(mPa s)	2.234	2.985							
T /K = 303.15									99A6
x_1	0.0000	0.1021	0.2013	0.3049	0.4029	0.5056	0.6047	0.7046	0.7987
η /(mPa s)	0.365	0.414	0.472	0.555	0.645	0.787	0.954	1.197	1.518
x_1	0.9014	1.0000							
η /(mPa s)	1.978	2.580							
T /K = 308.15									99A6
x_1	0.0000	0.1021	0.2013	0.3049	0.4029	0.5056	0.6047	0.7046	0.7987
η /(mPa s)	0.349	0.392	0.447	0.519	0.606	0.726	0.881	1.094	1.369
x_1	0.9014	1.0000							
η /(mPa s)	1.762	2.261							
969	C₂H₅ClO (1)		2-chloro-ethanol						107-07-3

	C₃H₈O (2)		propan-1-ol					71-23-8	
<i>T</i> /K = 298.15									98A1
<i>x</i> ₁	0.0000	0.0990	0.1945	0.2948	0.3912	0.4924	0.5924	0.6930	0.8071
<i>η</i> /(mPa s)	1.743	1.761	1.802	1.842	1.920	2.028	2.148	2.281	2.428
<i>x</i> ₁	0.8959	1.0000							
<i>η</i> /(mPa s)	2.600	2.810							
<i>T</i> /K = 303.15									98A1
<i>x</i> ₁	0.0000	0.0990	0.1945	0.2948	0.3912	0.4924	0.5924	0.6930	0.8071
<i>η</i> /(mPa s)	1.546	1.580	1.620	1.670	1.735	1.813	1.891	2.020	2.160
<i>x</i> ₁	0.8959	1.0000							
<i>η</i> /(mPa s)	2.300	2.448							
<i>T</i> /K = 308.15									98A1
<i>x</i> ₁	0.0000	0.0990	0.1945	0.2948	0.3912	0.4924	0.5924	0.6930	0.8071
<i>η</i> /(mPa s)	1.376	1.400	1.440	1.480	1.542	1.606	1.678	1.760	1.880
<i>x</i> ₁	0.8959	1.0000							
<i>η</i> /(mPa s)	2.001	2.150							
970	C₂H₅ClO (1) C₄H₈O₂ (2)		2-chloro-ethanol acetic acid ethyl ester					107-07-3 141-78-6	
<i>T</i> /K = 298.15									99A6
<i>x</i> ₁	0.0000	0.1033	0.2006	0.3231	0.4048	0.5015	0.6007	0.7022	0.8000
<i>η</i> /(mPa s)	0.430	0.485	0.542	0.643	0.729	0.864	1.065	1.326	1.689
<i>x</i> ₁	0.9000	1.0000							
<i>η</i> /(mPa s)	2.242	2.985							
<i>T</i> /K = 303.15									99A6
<i>x</i> ₁	0.0000	0.1033	0.2006	0.3231	0.4048	0.5015	0.6007	0.7022	0.8000
<i>η</i> /(mPa s)	0.407	0.454	0.510	0.601	0.679	0.800	0.967	1.200	1.517
<i>x</i> ₁	0.9000	1.0000							
<i>η</i> /(mPa s)	1.980	2.580							
<i>T</i> /K = 308.15									99A6
<i>x</i> ₁	0.0000	0.1033	0.2006	0.3231	0.4048	0.5015	0.6007	0.7022	0.8000
<i>η</i> /(mPa s)	0.387	0.430	0.482	0.565	0.635	0.746	0.894	1.098	1.369
<i>x</i> ₁	0.9000	1.0000							
<i>η</i> /(mPa s)	1.776	2.261							
971	C₂H₅ClO (1) C₄H₁₀O (2)		2-chloro-ethanol butan-1-ol					107-07-3 71-36-3	
<i>T</i> /K = 298.15									98A1

x_1	0.0000	0.0970	0.1922	0.2941	0.3928	0.4937	0.5925	0.6943	0.7957
$\eta /(\text{mPa s})$	2.624	2.590	2.593	2.597	2.616	2.641	2.672	2.702	2.731
x_1	0.8961	1.0000							
$\eta /(\text{mPa s})$	2.781	2.810							
$T/\text{K} = 303.15$									98A1
x_1	0.0000	0.0970	0.1922	0.2941	0.3928	0.4937	0.5925	0.6943	0.7957
$\eta /(\text{mPa s})$	2.306	2.290	2.350	2.271	2.288	2.316	2.363	2.380	2.400
x_1	0.8961	1.0000							
$\eta /(\text{mPa s})$	2.428	2.448							
$T/\text{K} = 308.15$									98A1
x_1	0.0000	0.0970	0.1922	0.2941	0.3928	0.4937	0.5925	0.6943	0.7957
$\eta /(\text{mPa s})$	2.030	2.028	2.029	2.026	2.027	2.047	2.075	2.100	2.120
x_1	0.8961	1.0000							
$\eta /(\text{mPa s})$	2.140	2.150							
972	$\text{C}_2\text{H}_5\text{ClO}$ (1)		2-chloro-ethanol						107-07-3
	$\text{C}_5\text{H}_{10}\text{O}_2$ (2)		acetic acid propyl ester						109-60-4
$T/\text{K} = 298.15$									99A6
x_1	0.0000	0.1017	0.2031	0.3017	0.4061	0.5057	0.5974	0.7006	0.7963
$\eta /(\text{mPa s})$	0.551	0.593	0.658	0.736	0.852	0.989	1.155	1.430	1.805
x_1	0.9006	1.0000							
$\eta /(\text{mPa s})$	2.302	2.985							
$T/\text{K} = 303.15$									99A6
x_1	0.0000	0.1017	0.2031	0.3017	0.4061	0.5057	0.5974	0.7006	0.7963
$\eta /(\text{mPa s})$	0.512	0.557	0.614	0.687	0.792	0.908	1.057	1.293	1.615
x_1	0.9006	1.0000							
$\eta /(\text{mPa s})$	2.035	2.580							
$T/\text{K} = 308.15$									99A6
x_1	0.0000	0.1017	0.2031	0.3017	0.4061	0.5057	0.5974	0.7006	0.7963
$\eta /(\text{mPa s})$	0.483	0.525	0.580	0.642	0.733	0.856	0.970	1.177	1.473
x_1	0.9006	1.0000							
$\eta /(\text{mPa s})$	1.810	2.261							
973	$\text{C}_2\text{H}_5\text{ClO}$ (1)		2-chloro-ethanol						107-07-3
	$\text{C}_5\text{H}_{12}\text{O}$ (2)		pentan-1-ol						71-41-0
$T/\text{K} = 298.15$									98A1
x_1	0.0000	0.0959	0.1940	0.2912	0.3946	0.4922	0.5939	0.6962	0.8018
$\eta /(\text{mPa s})$	3.555	3.401	3.282	3.200	3.138	3.088	3.045	3.020	2.980
x_1	0.8986	1.0000							

η /(mPa s)	2.920	2.810							
T /K = 303.15									98A1
x_1	0.0000	0.0959	0.1940	0.2912	0.3946	0.4922	0.5939	0.6962	0.8018
η /(mPa s)	3.086	2.941	2.860	2.780	2.731	2.705	2.690	2.661	2.620
x_1	0.8986	1.0000							
η /(mPa s)	2.560	2.448							
T /K = 308.15									98A1
x_1	0.0000	0.0959	0.1940	0.2912	0.3946	0.4922	0.5939	0.6962	0.8018
η /(mPa s)	2.689	2.580	2.500	2.441	2.401	2.384	2.378	2.340	2.323
x_1	0.8986	1.0000							
η /(mPa s)	2.250	2.150							
974	C₂H₅ClO (1) C₆H₆ (2)	2-chloro-ethanol benzene							107-07-3 71-43-2
T /°C = 30.0									58L1
x_2	0.0000	0.3365	0.4832	0.6611	0.8490	1.0000			
η /(mPa s)	2.624	1.315	1.008	0.771	0.613	0.562			
T /°C = 55.0									58L1
x_2	0.0000	0.3365	0.4832	0.6611	0.8490	1.0000			
η /(mPa s)	1.472	0.822	0.657	0.530	0.436	0.410			
T /°C = 75.0									58L1
x_2	0.0000	0.3365	0.4832	0.6611	0.8490	1.0000			
η /(mPa s)	1.018	0.615	0.510	0.416	0.355	0.333			
975	C₂H₅ClO (1) C₆H₁₂O₂ (2)	2-chloro-ethanol acetic acid butyl ester							107-07-3 123-86-4
T /K = 298.15									99A6
x_1	0.0000	0.1068	0.2078	0.3045	0.4056	0.5002	0.5993	0.7000	0.8008
η /(mPa s)	0.662	0.718	0.784	0.865	0.970	1.105	1.286	1.549	1.919
x_1	0.8994	1.0000							
η /(mPa s)	2.359	2.985							
T /K = 303.15									99A6
x_1	0.0000	0.1068	0.2078	0.3045	0.4056	0.5002	0.5993	0.7000	0.8008
η /(mPa s)	0.623	0.669	0.732	0.801	0.894	1.013	1.169	1.391	1.704
x_1	0.8994	1.0000							
η /(mPa s)	2.106	2.580							
T /K = 308.15									99A6
x_1	0.0000	0.1068	0.2078	0.3045	0.4056	0.5002	0.5993	0.7000	0.8008
η /(mPa s)	0.584	0.627	0.684	0.746	0.828	0.932	1.070	1.262	1.518

x_1	0.8994	1.0000
$\eta /(\text{mPa s})$	1.849	2.261

976	C₂H₅ClO (1)	2-chloro-ethanol	107-07-3
	C₆H₁₄O (2)	hexan-1-ol	111-27-3

$T/\text{K} = 298.15$									98A1
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x_1	0.0000	0.0970	0.1953	0.2962	0.3953	0.5314	0.5962	0.7121	0.7968
$\eta /(\text{mPa s})$	4.274	3.930	3.700	3.544	3.406	3.241	3.175	3.057	2.983

x_1	0.8982	1.0000
$\eta /(\text{mPa s})$	2.921	2.810

$T/\text{K} = 303.15$									98A1
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x_1	0.0000	0.0970	0.1953	0.2962	0.3953	0.5314	0.5962	0.7121	0.7968
$\eta /(\text{mPa s})$	3.603	3.330	3.180	3.068	2.909	2.780	2.718	2.615	2.551

x_1	0.8982	1.0000
$\eta /(\text{mPa s})$	2.529	2.448

$T/\text{K} = 308.15$									98A1
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x_1	0.0000	0.0970	0.1953	0.2962	0.3953	0.5314	0.5962	0.7121	0.7968
$\eta /(\text{mPa s})$	3.022	2.824	2.680	2.572	2.494	2.380	2.329	2.276	2.237

x_1	0.8982	1.0000
$\eta /(\text{mPa s})$	2.208	2.150

977	C₂H₅I (1)	iodoethane	75-03-6
	C₄H₉I (2)	1-iodo-butane	542-69-8

$T/^\circ\text{C} = 19.35$									62H2
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x_1	0.000	0.212	0.397	0.589	0.628	0.796	1.000
$\eta /(\text{mPa s})$	0.882	0.821	0.774	0.712	0.704	0.655	0.589

978	C₂H₅I (1)	iodoethane	75-03-6
	C₈H₈O (2)	1-phenyl-ethanone	98-86-2

$T/^\circ\text{C} = 0.0$									14S1
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x_2	0.0000	0.0956	0.3398	0.5471	0.7385	0.9089	1.0000
$\eta /(\text{mPa s})$	0.725	0.775	0.949	1.162	1.405	1.676	1.883

979	C₂H₅NO (1)	ethanal oxime	107-29-9
	C₃H₆O (2)	propan-2-one	67-64-1

$T/^\circ\text{C} = 25.0$									61L1
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x_1	0.0	0.2	0.4	0.5	0.6	1.0
$\eta /(\text{mPa s})$	0.341	0.433	0.585	0.709	0.867	2.359

980	C₂H₅NO (1) C₃H₆O₂ (2)	acetamide propionic acid								60-35-5 79-09-4
<i>T</i> /°C = 25.0										
<i>x</i> ₁	0.0000	0.1002	0.1968	0.3016	0.3959	0.4986	0.5978	1.0000		
<i>η</i> /(mPa s)	1.053	1.776	2.909	4.455	6.115	8.184	10.296	27.2		
<i>T</i> /°C = 40.0										
<i>x</i> ₁	0.0000	0.1002	0.1968	0.3016	0.3959	0.4986	0.5978	0.6990	1.0000	
<i>η</i> /(mPa s)	0.866	1.366	2.055	2.942	3.827	4.841	5.821	6.943	12.7	
981	C₂H₅NO (1) C₄H₈O₂ (2)	acetamide butyric acid								60-35-5 107-92-6
<i>T</i> /°C = 25.0										
<i>x</i> ₁	0.0000	0.0935	0.2000	0.3019	0.3954	0.5041	0.6011	1.0000		
<i>η</i> /(mPa s)	1.515	2.429	3.582	5.787	7.841	10.315	12.666	27.2		
<i>T</i> /°C = 40.0										
<i>x</i> ₁	0.0000	0.0935	0.2000	0.3019	0.3954	0.5041	0.6011	0.6982	1.0000	
<i>η</i> /(mPa s)	1.193	1.794	2.631	3.741	4.761	5.900	7.008	8.000	12.7	
982	C₂H₅NO (1) C₄H₈O₂ (2)	N-methyl-formamide 1,4-dioxane								123-39-7 123-91-1
<i>T</i> /K = 298.15										
<i>x</i> ₂	0.0000	0.0251	0.0472	0.0849	0.1225	0.1605	0.1962	0.2698	0.3196	
<i>η</i> /(mPa s)	1.6500	1.5940	1.5621	1.5163	1.4764	1.4395	1.4058	1.3473	1.3127	
<i>x</i> ₂	0.3602	0.4325	0.6167	0.7338	0.8611	1.0000				
<i>η</i> /(mPa s)	1.2945	1.2816	1.2660	1.2607	1.2569	1.2550				
983	C₂H₅NO (1) C₆H₆ (2)	N-methyl-formamide benzene								123-39-7 71-43-2
<i>T</i> /°C = 60.0										
<i>x</i> ₂	0.000	0.041	0.061	0.107	0.131	0.140	0.198	0.246	0.286	
<i>η</i> /(mPa s)	1.284	1.284	1.234	1.189	1.169	1.170	1.109	1.063	1.042	
<i>x</i> ₂	0.317	0.340	0.388	0.430	0.514	0.572	0.588	0.653	0.682	
<i>η</i> /(mPa s)	1.003	0.989	0.954	0.909	0.846	0.804	0.787	0.741	0.721	
<i>x</i> ₂	0.751	0.831	0.873	0.884	0.946	1.000				
<i>η</i> /(mPa s)	0.675	0.604	0.590	0.580	0.533	0.500				
984	C₂H₅NO (1) C₆H₆O (2)	acetamide phenol								60-35-5 108-95-2

$T/^\circ\text{C} = 60.0$										59B3
x_2	0.30	0.40	0.45	0.50	0.55	0.60	0.70	0.80	0.90	
$\eta/(\text{mPa s})$	3.113	3.020	2.913	2.837	2.771	2.682	2.480	2.303	2.135	
$T/^\circ\text{C} = 70.0$										59B3
x_2	0.20	0.30	0.40	0.45	0.50	0.55	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	2.292	2.244	2.155	2.117	2.074	2.029	1.986	1.813	1.681	
x_2	0.90									
$\eta/(\text{mPa s})$	1.567									
$T/^\circ\text{C} = 80.0$										59B3
x_2	0.10	0.20	0.30	0.40	0.45	0.50	0.55	0.60	0.70	
$\eta/(\text{mPa s})$	1.798	1.754	1.705	1.654	1.607	1.585	1.564	1.532	1.371	
x_2	0.80	0.90								
$\eta/(\text{mPa s})$	1.282	1.193								
985	$\text{C}_2\text{H}_5\text{NO}_2$ (1)		nitroethane							79-24-3
	$\text{C}_3\text{H}_6\text{O}_2$ (2)		acetic acid methyl ester							79-20-9
$T/\text{K} = 293.15$										99L2
x_2	0.0000	0.0500	0.1000	0.1500	0.2006	0.2501	0.2999	0.3500	0.4002	
$v/(\text{mm}^2/\text{s})$	0.6466	0.6262	0.6089	0.5933	0.5777	0.5633	0.5499	0.5377	0.5255	
x_2	0.4501	0.5000	0.5499	0.6000	0.6499	0.6996	0.7499	0.8000	0.8501	
$v/(\text{mm}^2/\text{s})$	0.5138	0.5046	0.4944	0.4850	0.4762	0.4639	0.4563	0.4470	0.4384	
x_2	0.8995	0.9499	1.0000							
$v/(\text{mm}^2/\text{s})$	0.4321	0.4219	0.4127							
$T/\text{K} = 303.15$										99L2
x_2	0.0000	0.0500	0.1000	0.1500	0.2006	0.2501	0.2999	0.3500	0.4002	
$v/(\text{mm}^2/\text{s})$	0.5824	0.5649	0.5500	0.5358	0.5227	0.5102	0.4980	0.4869	0.4764	
x_2	0.4501	0.5000	0.5499	0.6000	0.6499	0.6996	0.7499	0.8000	0.8501	
$v/(\text{mm}^2/\text{s})$	0.4663	0.4572	0.4481	0.4398	0.4309	0.4218	0.4138	0.4060	0.3999	
x_2	0.8995	0.9499	1.0000							
$v/(\text{mm}^2/\text{s})$	0.3928	0.3842	0.3757							
$T/\text{K} = 313.15$										99L2
x_2	0.0000	0.0500	0.1000	0.1500	0.2006	0.2501	0.2999	0.3500	0.4002	
$v/(\text{mm}^2/\text{s})$	0.5302	0.5137	0.5009	0.4894	0.4770	0.4668	0.4554	0.4462	0.4363	
x_2	0.4501	0.5000	0.5499	0.6000	0.6499	0.6996	0.7499	0.8000	0.8501	
$v/(\text{mm}^2/\text{s})$	0.4273	0.4193	0.4123	0.4048	0.3959	0.3872	0.3808	0.3732	0.3669	
x_2	0.8995	0.9499	1.0000							
$v/(\text{mm}^2/\text{s})$	0.3609	0.3527	0.3470							

986 **$\text{C}_2\text{H}_5\text{NO}_2$ (1)** **nitroethane** **79-24-3**

		C₄H₈O₂ (2)		acetic acid ethyl ester						141-78-6
<i>T/K</i> = 293.15		99L2								
<i>x</i> ₂	0.0000	0.0501	0.1001	0.1504	0.2000	0.2505	0.3000	0.3500	0.4000	
<i>v</i> /(mm ² /s)	0.6466	0.6354	0.6264	0.6176	0.6094	0.6016	0.5941	0.5873	0.5806	
<i>x</i> ₂	0.4501	0.5000	0.5499	0.6001	0.6500	0.7001	0.7499	0.8000	0.8495	
<i>v</i> /(mm ² /s)	0.5734	0.5664	0.5594	0.5531	0.5469	0.5404	0.5343	0.5282	0.5224	
<i>x</i> ₂	0.8979	0.9500	1.0000							
<i>v</i> /(mm ² /s)	0.5161	0.5107	0.5046							
<i>T/K</i> = 303.15		99L2								
<i>x</i> ₂	0.0000	0.0501	0.1001	0.1504	0.2000	0.2505	0.3000	0.3500	0.4000	
<i>v</i> /(mm ² /s)	0.5824	0.5737	0.5648	0.5568	0.5493	0.5422	0.5356	0.5296	0.5241	
<i>x</i> ₂	0.4501	0.5000	0.5499	0.6001	0.6500	0.7001	0.7499	0.8000	0.8495	
<i>v</i> /(mm ² /s)	0.5172	0.5121	0.5068	0.5015	0.4961	0.4910	0.4861	0.4812	0.4764	
<i>x</i> ₂	0.8979	0.9500	1.0000							
<i>v</i> /(mm ² /s)	0.4713	0.4664	0.4618							
<i>T/K</i> = 313.15		99L2								
<i>x</i> ₂	0.0000	0.0501	0.1001	0.1504	0.2000	0.2505	0.3000	0.3500	0.4000	
<i>v</i> /(mm ² /s)	0.5302	0.5223	0.5145	0.5074	0.4998	0.4945	0.4883	0.4828	0.4776	
<i>x</i> ₂	0.4501	0.5000	0.5499	0.6001	0.6500	0.7001	0.7499	0.8000	0.8495	
<i>v</i> /(mm ² /s)	0.4728	0.4674	0.4627	0.4581	0.4536	0.4491	0.4442	0.4400	0.4358	
<i>x</i> ₂	0.8979	0.9500	1.0000							
<i>v</i> /(mm ² /s)	0.4319	0.4278	0.4239							
987	C₂H₅NO₂ (1)		nitroethane						79-24-3	
	C₅H₁₀O₂ (2)		acetic acid propyl ester						109-60-4	
<i>T/K</i> = 293.15		99L2								
<i>x</i> ₂	0.0000	0.0500	0.1001	0.1500	0.2002	0.2500	0.2999	0.3500	0.4000	
<i>v</i> /(mm ² /s)	0.6466	0.6478	0.6493	0.6510	0.6530	0.3548	0.6563	0.6579	0.6596	
<i>x</i> ₂	0.4500	0.5000	0.5499	0.6000	0.6500	0.7001	0.7500	0.8000	0.8501	
<i>v</i> /(mm ² /s)	0.6607	0.6620	0.6628	0.6641	0.6645	0.6649	0.6644	0.6640	0.6634	
<i>x</i> ₂	0.9000	0.9500	1.0000							
<i>v</i> /(mm ² /s)	0.6624	0.6616	0.6605							
<i>T/K</i> = 303.15		99L2								
<i>x</i> ₂	0.0000	0.0500	0.1001	0.1500	0.2002	0.2500	0.2999	0.3500	0.4000	
<i>v</i> /(mm ² /s)	0.5824	0.5828	0.5839	0.5849	0.5858	0.5874	0.5884	0.5899	0.5914	
<i>x</i> ₂	0.4500	0.5000	0.5499	0.6000	0.6500	0.7001	0.7500	0.8000	0.8501	
<i>v</i> /(mm ² /s)	0.5925	0.5935	0.5939	0.5950	0.5952	0.5949	0.5949	0.5944	0.5937	
<i>x</i> ₂	0.9000	0.9500	1.0000							
<i>v</i> /(mm ² /s)	0.5929	0.5918	0.5906							

$T/K = 313.15$										
x_2	0.0000	0.0500	0.1001	0.1500	0.2002	0.2500	0.2999	0.3500	0.4000	99L2
$\nu /(\text{mm}^2/\text{s})$	0.5302	0.5298	0.5304	0.5308	0.5319	0.5325	0.5333	0.5343	0.5349	
x_2	0.4500	0.5000	0.5499	0.6000	0.6500	0.7001	0.7500	0.8000	0.8501	
$\nu /(\text{mm}^2/\text{s})$	0.5356	0.5356	0.5363	0.5371	0.5364	0.5362	0.5364	0.5355	0.5348	
x_2	0.9000	0.9500	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.5335	0.5328	0.5329							

988 **C₂H₅NO₂ (1)** **nitroethane** **79-24-3**
C₅H₁₀O₂ (2) **propionic acid ethyl ester** **105-37-3**

$T/K = 293.15$										
x_2	0.0000	0.0500	0.1001	0.1499	0.2000	0.2500	0.3000	0.3523	0.4000	99L2
$\nu /(\text{mm}^2/\text{s})$	0.6466	0.6421	0.6390	0.6359	0.6322	0.6304	0.6285	0.6266	0.6248	
x_2	0.4500	0.5000	0.5508	0.6000	0.6499	0.6999	0.7500	0.8000	0.8500	
$\nu /(\text{mm}^2/\text{s})$	0.6232	0.6214	0.6197	0.6176	0.6154	0.6136	0.6117	0.6089	0.6060	
x_2	0.9001	0.9497	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.6035	0.6006	0.5976							

$T/K = 303.15$										
x_2	0.0000	0.0500	0.1001	0.1499	0.2000	0.2500	0.3000	0.3523	0.4000	99L2
$\nu /(\text{mm}^2/\text{s})$	0.5824	0.5782	0.5750	0.5732	0.5702	0.5688	0.5665	0.5649	0.5634	
x_2	0.4500	0.5000	0.5508	0.6000	0.6499	0.6999	0.7500	0.8000	0.8500	
$\nu /(\text{mm}^2/\text{s})$	0.5622	0.5602	0.5589	0.5570	0.5550	0.5531	0.5516	0.5488	0.5464	
x_2	0.9001	0.9497	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.5442	0.5422	0.5391							

$T/K = 313.15$										
x_2	0.0000	0.0500	0.1001	0.1499	0.2000	0.2500	0.3000	0.3523	0.4000	99L2
$\nu /(\text{mm}^2/\text{s})$	0.5302	0.5290	0.5246	0.5225	0.5199	0.5189	0.5170	0.5154	0.5142	
x_2	0.4500	0.5000	0.5508	0.6000	0.6499	0.6999	0.7500	0.8000	0.8500	
$\nu /(\text{mm}^2/\text{s})$	0.5127	0.5110	0.5101	0.5079	0.5064	0.5049	0.5033	0.5014	0.4996	
x_2	0.9001	0.9497	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4972	0.4934	0.4903							

989 **C₂H₅NO₂ (1)** **nitroethane** **79-24-3**
C₆H₆ (2) **benzene** **71-43-2**

$T/K = 293.15$										
x_1	0.0000	0.0901	0.1956	0.2856	0.3897	0.4893	0.5827	0.6952	0.7869	88Y1
$\eta /(\text{mPa s})$	0.645	0.628	0.611	0.602	0.595	0.594	0.597	0.608	0.622	
x_1	0.8790	1.0000								
$\eta /(\text{mPa s})$	0.644	0.680								

990	C₂H₅NO₂ (1)		nitroethane				79-24-3		
	C₆H₁₂O₂ (2)		acetic acid butyl ester				123-86-4		
<i>T</i> /K = 293.15									
<i>x</i> ₂	0.0000	0.0501	0.1000	0.1500	0.2001	0.2500	0.3000	0.3501	0.4000
<i>v</i> /(mm ² /s)	0.6466	0.6603	0.6734	0.6864	0.6990	0.7120	0.7241	0.7360	0.7466
<i>x</i> ₂	0.4499	0.4999	0.5499	0.6000	0.6499	0.7001	0.7500	0.8000	0.8500
<i>v</i> /(mm ² /s)	0.7561	0.7667	0.7763	0.7838	0.7917	0.7981	0.8035	0.8087	0.8138
<i>x</i> ₂	0.8996	0.9501	1.0000						
<i>v</i> /(mm ² /s)	0.8209	0.8249	0.8258						
<i>T</i> /K = 303.15									
<i>x</i> ₂	0.0000	0.0501	0.1000	0.1500	0.2001	0.2500	0.3000	0.3501	0.4000
<i>v</i> /(mm ² /s)	0.5824	0.5939	0.6052	0.6159	0.6263	0.6359	0.6468	0.6560	0.6648
<i>x</i> ₂	0.4499	0.4999	0.5499	0.6000	0.6499	0.7001	0.7500	0.8000	0.8500
<i>v</i> /(mm ² /s)	0.6741	0.6815	0.6883	0.6940	0.6997	0.7057	0.7100	0.7153	0.7206
<i>x</i> ₂	0.8996	0.9501	1.0000						
<i>v</i> /(mm ² /s)	0.7236	0.7271	0.7303						
<i>T</i> /K = 313.15									
<i>x</i> ₂	0.0000	0.0501	0.1000	0.1500	0.2001	0.2500	0.3000	0.3501	0.4000
<i>v</i> /(mm ² /s)	0.5302	0.5389	0.5474	0.5563	0.5656	0.5746	0.5838	0.5930	0.5998
<i>x</i> ₂	0.4499	0.4999	0.5499	0.6000	0.6499	0.7001	0.7500	0.8000	0.8500
<i>v</i> /(mm ² /s)	0.6064	0.6134	0.6203	0.6252	0.6296	0.6345	0.6378	0.6422	0.6452
<i>x</i> ₂	0.8996	0.9501	1.0000						
<i>v</i> /(mm ² /s)	0.6476	0.6502	0.6527						
991									
	C₂H₅NO₂ (1)		nitroethane				79-24-3		
	C₆H₁₄ (2)		3-methyl-pentane				96-14-0		
<i>T</i> /°C = 26.469									
<i>x</i> ₁	0.0000	0.1011	0.1795	0.2538	0.3230	0.3661	0.4113	0.4571	0.4872
<i>η</i> /(mPa s)	0.283	0.289	0.300	0.319	0.345	0.365	0.392	0.443	0.476
<i>x</i> ₁	0.4911	0.4960	0.4987	0.4999	0.5015	0.5078	0.5131	0.5209	0.5293
<i>η</i> /(mPa s)	0.479	0.478	0.484	0.480	0.486	0.490	0.488	0.486	0.489
<i>x</i> ₁	0.5352	0.5428	0.5606	0.5692	0.5862	0.6040	0.6258	0.6573	0.7033
<i>η</i> /(mPa s)	0.483	0.477	0.461	0.458	0.451	0.450	0.449	0.451	0.463
<i>x</i> ₁	0.7129	0.7617	0.7701	0.8361	0.8705	0.8579	0.9183	1.0000	
<i>η</i> /(mPa s)	0.463	0.478	0.485	0.518	0.533	0.541	0.569	0.630	
<i>T</i> /°C = 26.969									
<i>x</i> ₁	0.0000	0.1011	0.1795	0.2538	0.3230	0.3661	0.4113	0.4571	0.4851
<i>η</i> /(mPa s)	0.282	0.288	0.299	0.316	0.342	0.361	0.386	0.416	0.436
<i>x</i> ₁	0.4904	0.4960	0.4992	0.4999	0.5015	0.5078	0.5131	0.5209	0.5293

η /(mPa s)	0.441	0.444	0.442	0.439	0.439	0.442	0.441	0.443	0.445
x_1	0.5352	0.5428	0.5606	0.5692	0.5862	0.6040	0.6258	0.7617	0.7701
η /(mPa s)	0.447	0.450	0.443	0.442	0.441	0.443	0.441	0.475	0.482
x_1	0.8361	0.8405	0.8579	0.9120	1.0000				
η /(mPa s)	0.514	0.530	0.539	0.569	0.626				
$T/^\circ\text{C} = 29.980$									69L1
x_1	0.0000	0.1011	0.1795	0.2538	0.3230	0.3661	0.4113	0.4571	0.5078
η /(mPa s)	0.273	0.279	0.290	0.310	0.328	0.344	0.362	0.379	0.399
x_1	0.5148	0.5352	0.5584	0.5862	0.6258	0.6358	0.6573	0.7033	0.7617
η /(mPa s)	0.403	0.403	0.409	0.419	0.423	0.426	0.429	0.442	0.460
x_1	0.8405	0.8579	0.9392	1.0000					
η /(mPa s)	0.519	0.521	0.559	0.608					
$T/^\circ\text{C} = 34.795$									69L1
x_1	0.0000	0.1011	0.1795	0.2538	0.3230	0.3661	0.4113	0.4571	0.5078
η /(mPa s)	0.261	0.265	0.277	0.292	0.310	0.321	0.335	0.351	0.364
x_1	0.5148	0.5352	0.5584	0.5862	0.6258	0.6358	0.6573	0.7033	0.7617
η /(mPa s)	0.374	0.374	0.379	0.387	0.396	0.398	0.403	0.417	0.435
x_1	0.8405	0.8579	0.9392	1.0000					
η /(mPa s)	0.482	0.493	0.517	0.574					
$T/^\circ\text{C} = 39.890$									69L1
x_1	0.0000	0.1011	0.1795	0.2490	0.3361	0.3661	0.4113	0.4523	0.4964
η /(mPa s)	0.248	0.254	0.261	0.274	0.296	0.304	0.312	0.323	0.340
x_1	0.5131	0.5209	0.5428	0.5606	0.6258	0.6506	0.7129	0.7173	0.7701
η /(mPa s)	0.345	0.348	0.351	0.357	0.370	0.380	0.395	0.398	0.417
x_1	0.8361	0.8579	0.9392	1.0000					
η /(mPa s)	0.447	0.466	0.549	0.541					

992 **C₂H₅NO₂ (1)** **nitroethane** **79-24-3**
C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

$T/\text{K} = 293.15$ 88Y1

x_1	0.0000	0.0968	0.1917	0.3000	0.4039	0.4933	0.6083	0.6994	0.7938
η /(mPa s)	0.648	0.633	0.629	0.627	0.626	0.626	0.629	0.633	0.644
x_1	0.9011	1.0000							
η /(mPa s)	0.660	0.680							

993 **C₂H₅NO₂ (1)** **nitroethane** **79-24-3**
C₉H₁₂ (2) **1,3,5-trimethyl-benzene** **108-67-8**

$T/\text{K} = 293.15$ 88Y1

x_1	0.0000	0.0912	0.1908	0.2974	0.3871	0.5179	0.6112	0.6912	0.7813
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η /(mPa s)	0.692	0.690	0.685	0.680	0.675	0.669	0.665	0.665	0.669
x_1	0.8874	1.0000							
η /(mPa s)	0.671	0.680							

994 **C₂H₆ (1)** **ethane** **74-84-0**
 C₇H₁₆ (2) **heptane** **142-82-5**

$T/K = 185.15$ 81R1

x_1	0.0000	0.0905	0.1232	0.1665	0.1983	0.2554	0.3561	0.3840	0.4657
η /(mPa s)	3.422	3.118	2.802	2.591	2.320	2.030	1.516	1.432	1.272
x_1	0.5219	0.5909	0.7807	1.0000					
η /(mPa s)	1.034	0.884	0.461	0.167					

$T/K = 200.15$ 81R1

x_1	0.0000	0.0603	0.1162	0.1546	0.1848	0.2029	0.2712	0.3341	0.3547
η /(mPa s)	2.060	1.938	1.748	1.650	1.664	1.514	1.384	1.206	1.210
x_1	0.3856	0.4031	0.5677	0.6416	0.6839	0.7644	0.8400	1.0000	
η /(mPa s)	1.064	0.902	0.711	0.564	0.506	0.393	0.303	0.139	

(at equilibrium pressure)

$T/K = 220.15$ 81R1

x_1	0.0000	0.1131	0.2632	0.3577	0.4788	0.5385	0.6552	0.7488	1.0000
η /(mPa s)	1.215	1.099	0.909	0.733	0.590	0.531	0.421	0.298	0.111

(at equilibrium pressure)

$T/K = 250.15$ 81R1

x_1	0.0000	0.0997	0.2180	0.2756	0.3270	0.3868	0.5223	0.5989	0.7126
η /(mPa s)	0.734	0.663	0.587	0.521	0.484	0.445	0.348	0.309	0.239
x_1	0.7941	0.8523	1.0000						
η /(mPa s)	0.191	0.157	0.079						

(at equilibrium pressure)

$T/K = 275.15$ 81R1

x_1	0.0000	0.1191	0.1919	0.2675	0.3310	0.3995	0.5090	0.6084	0.7038
η /(mPa s)	0.521	0.453	0.429	0.383	0.355	0.325	0.267	0.226	0.178
x_1	0.8426	1.0000							
η /(mPa s)	0.135	0.058							

(at equilibrium pressure)

$T/K = 300.15$ 81R1

x_1	0.0000	0.0550	0.1446	0.2262	0.2796	0.3686	0.4557	0.5170	0.6368
η /(mPa s)	0.387	0.366	0.337	0.308	0.290	0.251	0.224	0.197	0.163
x_1	0.7171	0.7748	1.0000						
η /(mPa s)	0.135	0.116	0.038						

(at equilibrium pressure)

995	C₂H₆O (1) C₂H₆OS (2)		ethanol dimethyl sulfoxide					64-17-5 67-68-5	
<i>T</i> /K = 298.15									96N1
<i>x</i> ₂	0.0000	0.0616	0.1286	0.2019	0.2801	0.3708	0.4693	0.5814	0.7023
<i>η</i> /(mPa s)	1.079	1.015	1.021	1.022	1.056	1.114	1.187	1.298	1.454
<i>x</i> ₂	0.7609	0.8414	0.9330	1.0000					
<i>η</i> /(mPa s)	1.538	1.657	1.851	1.991					
<i>T</i> /K = 303.15									96N1
<i>x</i> ₂	0.0000	0.0616	0.1286	0.2019	0.2801	0.3708	0.4693	0.5814	0.7023
<i>η</i> /(mPa s)	0.987	0.966	0.932	0.884	0.904	0.938	1.064	1.201	1.354
<i>x</i> ₂	0.7609	0.8414	0.9330	1.0000					
<i>η</i> /(mPa s)	1.481	1.562	1.685	1.788					
996	C₂H₆O (1) C₂H₆O₂ (2)		ethanol ethane-1,2-diol					64-17-5 107-21-1	
<i>T</i> /°C = 25.0									77I1, 78T1
<i>x</i> ₂	0.0000	0.1033	0.2061	0.3164	0.4080	0.5087	0.6078	0.7032	0.8039
<i>η</i> /(mPa s)	1.1766	1.5509	2.0452	2.7433	3.4945	4.5822	5.9691	7.6742	10.058
<i>x</i> ₂	0.9032	0.9517	1.0000						
<i>η</i> /(mPa s)	13.0754	14.8771	16.8700						
<i>T</i> /°C = 30.0									78T1
<i>x</i> ₂	0.0000	0.0987	0.2003	0.2969	0.3946	0.5056	0.5908	0.6945	0.7944
<i>v</i> /(mm ² /s)	1.2821	1.6642	2.0614	2.5831	3.2672	4.1804	5.0809	6.6444	7.9993
<i>x</i> ₂	0.9008	1.0000							
<i>v</i> /(mm ² /s)	10.1487	12.2650							
<i>T</i> /°C = 40.0									78T1
<i>x</i> ₂	0.0000	0.0987	0.2003	0.2969	0.3946	0.5056	0.5908	0.6945	0.7944
<i>v</i> /(mm ² /s)	1.1001	1.3837	1.6756	2.0670	2.5494	3.2750	4.0521	5.1177	6.3491
<i>x</i> ₂	0.9008	1.0000							
<i>v</i> /(mm ² /s)	7.7610	9.1527							
<i>T</i> /°C = 50.0									78T1
<i>x</i> ₂	0.0000	0.0987	0.2003	0.2969	0.3946	0.5056	0.5908	0.6945	0.7944
<i>v</i> /(mm ² /s)	0.9859	1.1286	1.3722	1.7155	2.0444	2.5156	2.9591	3.7392	4.3903
<i>x</i> ₂	0.9008	1.0000							
<i>v</i> /(mm ² /s)	5.3630	6.3325							
<i>T</i> /°C = 60.0									78T1
<i>x</i> ₂	0.0000	0.0987	0.2003	0.2969	0.3946	0.5056	0.5908	0.6945	0.7944

$v/(mm^2/s)$	0.8721	0.9494	1.1706	1.3952	1.6551	2.0806	2.3468	2.8267	3.4216
x_2	0.9008	1.0000							
$v/(mm^2/s)$	4.0543	4.7496							
$T/^\circ C = 70.0$									78T1
x_2	0.0000	0.0987	0.2003	0.2969	0.3946	0.5056	0.5908	0.6945	0.7944
$v/(mm^2/s)$	0.7812	0.8198	1.0028	1.1578	1.3952	1.6585	1.9029	2.2251	2.6527
x_2	0.9008	1.0000							
$v/(mm^2/s)$	3.1294	3.6553							
$T/^\circ C = 25.0$									77I1
x_2	0.0000	0.1033	0.2061	0.3164	0.4080	0.5087	0.6078	0.7032	0.8039
$v/(mm^2/s)$	1.4852	1.8767	2.3768	3.0618	3.7713	4.7801	6.0294	7.5236	9.5668
x_2	0.9032	0.9517	1.0000						
$v/(mm^2/s)$	12.0934	13.5802	15.2000						
$x_2 = 0.00$									55G2
$T/^\circ C$	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	
$v/(mm^2/s)$	1.563	1.358	1.187	1.017	0.867	0.743	0.634	0.542	
$T/^\circ C$	100.0	110.0	120.0	130.0					
$v/(mm^2/s)$	0.472	0.414	0.365	0.321					
$x_2 = 0.197$									55G2
$T/^\circ C$	21.5	38.0	48.0	70.0	90.2	114.1			
$v/(mm^2/s)$	2.765	1.899	1.575	0.980	0.780	0.561			
$x_2 = 0.35$									55G2
$T/^\circ C$	20.5	35.0	47.9	67.5	84.0	100.0	115.2	130.0	
$v/(mm^2/s)$	3.823	2.758	2.142	1.298	1.075	0.789	0.700	0.499	
$x_2 = 0.50$									55G2
$T/^\circ C$	24.2	40.0	59.4	75.0	93.5	110.0	119.9	132.5	
$v/(mm^2/s)$	3.816	2.765	1.754	1.288	0.959	0.700	0.656	0.520	
$x_2 = 1.00$									55G2
$T/^\circ C$	20.0	30.0	40.0	60.0	80.0	100.0	120.0	130.0	140.0
$v/(mm^2/s)$	17.84	11.90	8.31	4.56	2.82	1.89	1.35	1.16	1.02

997 **C₂H₆O (1)** **ethanol** **64-17-5**
C₂H₆S (2) **ethanethiol** **75-08-1**

$T/^\circ C = 25.0$									08D1
w_2	0.0000	0.0348	0.0947	0.1230	0.1388	0.1625	0.3254	0.3597	0.4476
$\eta/(mPa \cdot s)$	1.113	1.048	0.9731	0.9305	0.8559	0.8385	0.6525	0.6119	0.5821
w_2	0.6805	1.0000							
$\eta/(mPa \cdot s)$	0.4083	0.2091							

998	C₂H₆O (1)	C₂H₇NO (2)	ethanol 2-amino-ethanol							64-17-5 141-43-5
<i>T/K</i> = 303.15										95L1
<i>x</i> ₂	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
<i>η</i> /(mPa s)	0.800	1.33	1.73	2.30	3.05	3.96	5.37	7.03	9.05	
<i>x</i> ₂	0.90	1.00								
<i>η</i> /(mPa s)	11.6	15.0								
<i>T/K</i> = 313.15										95L1
<i>x</i> ₂	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
<i>η</i> /(mPa s)	0.655	1.11	1.42	1.83	2.34	3.05	3.93	5.03	6.32	
<i>x</i> ₂	0.90	1.00								
<i>η</i> /(mPa s)	7.87	9.94								
<i>T/K</i> = 323.15										95L1
<i>x</i> ₂	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
<i>η</i> /(mPa s)	0.549	0.967	1.19	1.47	1.85	2.34	2.95	3.70	4.54	
<i>x</i> ₂	0.90	1.00								
<i>η</i> /(mPa s)	5.57	6.87								
<i>T/K</i> = 303.15										95L1
<i>x</i> ₂	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	
<i>v</i> /(mm ² /s)	1.65	2.07	2.67	3.45	4.36	5.78	7.40	9.33	11.7	
<i>T/K</i> = 313.15										95L1
<i>x</i> ₂	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	
<i>v</i> /(mm ² /s)	1.39	1.72	2.15	2.67	3.39	4.27	5.34	6.57	8.02	
<i>T/K</i> = 323.15										95L1
<i>x</i> ₂	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	
<i>v</i> /(mm ² /s)	1.22	1.46	1.74	2.13	2.63	3.23	3.96	4.76	5.72	
999	C₂H₆O (1)	C₂H₇NO₂S (2)	ethanol N-methyl-methanesulfonamide							64-17-5 1184-85-6
<i>T/K</i> = 303.15										80P1
<i>x</i> ₂	0.0000	0.1006	0.2010	0.2995	0.3949	0.4923	0.5949	0.6892	0.7757	
<i>η</i> /(mPa s)	0.994	1.105	1.300	1.580	1.871	2.303	2.888	3.612	4.493	
<i>x</i> ₂	0.8905	1.0000								
<i>η</i> /(mPa s)	6.090	8.242								
<i>T/K</i> = 333.15										80P1
<i>x</i> ₂	0.0000	0.1006	0.2010	0.2995	0.3949	0.4923	0.5949	0.6892	0.7757	
<i>η</i> /(mPa s)	0.587	0.670	0.769	0.920	1.070	1.290	1.570	1.900	2.278	
<i>x</i> ₂	0.8905	1.0000								

η /(mPa s) 2.913 3.657

1000 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₃H₃N (2) **acrylonitrile** **107-13-1**

$T/K = 298.15$ 99A4

x_2 0.0000 0.1009 0.2017 0.3022 0.4030 0.5025 0.6044 0.7032 0.8006
 η /(mPa s) 1.099 0.859 0.704 0.593 0.513 0.458 0.415 0.384 0.363

x_2 0.8993 1.0000
 η /(mPa s) 0.348 0.339

$T/K = 303.15$ 99A4

x_2 0.0000 0.1009 0.2017 0.3022 0.4030 0.5025 0.6044 0.7032 0.8006
 η /(mPa s) 0.994 0.787 0.648 0.551 0.480 0.431 0.392 0.364 0.345

x_2 0.8993 1.0000
 η /(mPa s) 0.332 0.326

$T/K = 308.15$ 99A4

x_2 0.0000 0.1009 0.2017 0.3022 0.4030 0.5025 0.6044 0.7032 0.8006
 η /(mPa s) 0.907 0.724 0.602 0.513 0.451 0.405 0.371 0.347 0.329

x_2 0.8993 1.0000
 η /(mPa s) 0.318 0.312

1001 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₃H₆O (2) **propan-2-one** **67-64-1**

$T/^\circ\text{C} = 25.0$ 90A4

x_1 0.0000 0.0985 0.2287 0.3438 0.4229 0.5243 0.5521 0.6528 0.7104
 η /(mPa s) 0.3025 0.3206 0.3555 0.3625 0.3716 0.4051 0.4486 0.5433 0.6103

x_1 0.8326 0.9055 1.0000
 η /(mPa s) 0.7690 0.8685 1.0812

$T/^\circ\text{C} = 25.0$ 04D1

x_1 0.0000 0.2966 0.4843 0.5550 0.5662 0.6317 0.6489 0.7754 1.0000
 η /(mPa s) 0.3125 0.3836 0.4620 0.5028 0.5162 0.5636 0.5797 0.7168 1.115

$T/K = 298.15$ 84W1

φ_2 0.0000 0.1163 0.2030 0.3396 0.4016 0.5058 0.5437 0.7084 0.8097
 v /(mm²/s) 1.3770 1.0575 0.8966 0.7107 0.6532 0.5711 0.5475 0.4617 0.4275

φ_2 1.0000
 v /(mm²/s) 0.3857

1002 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₃H₆O₂ (2) **acetic acid methyl ester** **79-20-9**

$T/K = 298.15$										98C1
x_2	0.0000	0.1146	0.2045	0.3207	0.4245	0.5004	0.6077	0.7045	0.7989	
$\eta /(\text{mPa s})$	1.105	0.833	0.695	0.574	0.506	0.467	0.438	0.418	0.399	
x_2	0.8802	1.0000								
$\eta /(\text{mPa s})$	0.390	0.380								

1003 **C₂H₆O (1)** **ethanol** **64-17-5**
C₃H₆O₂ (2) **propionic acid** **79-09-4**

$T/K = 308.15$										88S5
x_2	0.0000	0.0674	0.1373	0.2156	0.2983	0.3898	0.4885	0.5987	0.7173	
$\eta /(\text{mPa s})$	0.9656	1.0349	1.0623	1.0951	1.1250	1.1510	1.1675	1.1603	1.1192	
x_2	0.7834	0.8532	0.9225	1.0000						
$\eta /(\text{mPa s})$	1.0815	1.0428	0.9581	0.8894						

1004 **C₂H₆O (1)** **ethanol** **64-17-5**
C₃H₇NO (2) **N,N-dimethyl-formamide** **68-12-2**

$T/K = 298.15$										96A3
x_2	0.0000	0.0777	0.1593	0.2452	0.3357	0.4312	0.5320	0.6388	0.7520	
$\eta /(\text{mPa s})$	1.0957	0.9871	0.9169	0.8731	0.8350	0.8165	0.8063	0.8051	0.8058	
x_2	0.8721	1.0000								
$\eta /(\text{mPa s})$	0.8095	0.8130								

$T/K = 303.15$										96A3
x_2	0.0000	0.0777	0.1593	0.2452	0.3357	0.4312	0.5320	0.6388	0.7520	
$\eta /(\text{mPa s})$	0.9944	0.9119	0.8499	0.8125	0.7800	0.7620	0.7557	0.7548	0.7564	
x_2	0.8721	1.0000								
$\eta /(\text{mPa s})$	0.7594	0.7654								

$T/K = 308.15$										96A3
x_2	0.0000	0.0777	0.1593	0.2452	0.3357	0.4312	0.5320	0.6388	0.7520	
$\eta /(\text{mPa s})$	0.9097	0.8361	0.7835	0.7510	0.7257	0.7115	0.7053	0.7073	0.7078	
x_2	0.8721	1.0000								
$\eta /(\text{mPa s})$	0.7113	0.7194								

$T/K = 313.15$										96A3
x_2	0.0000	0.0777	0.1593	0.2452	0.3357	0.4312	0.5320	0.6388	0.7520	
$\eta /(\text{mPa s})$	0.8306	0.7704	0.7278	0.7003	0.6804	0.6687	0.6640	0.6678	0.6708	
x_2	0.8721	1.0000								
$\eta /(\text{mPa s})$	0.6727	0.6816								

$T/K = 318.15$										96A3
x_2	0.0000	0.0777	0.1593	0.2452	0.3357	0.4312	0.5320	0.6388	0.7520	

η /(mPa s)	0.7648	0.7111	0.6761	0.6534	0.6357	0.6268	0.6259	0.6284	0.6371
x_2	0.8721	1.0000							
η /(mPa s)	0.6377	0.6446							
T /K = 298.15									94K6
x_2	0.0000	0.0776	0.2451	0.3355	0.4309	0.4905	0.5411	0.6386	0.8721
η /(mPa s)	1.0853	1.0915	1.0634	1.0371	1.0168	1.0005	0.9849	0.9520	0.8582
x_2	1.0000								
η /(mPa s)	0.8024								
1005	C₂H₆O (1) C₃H₇NO (2)		ethanol N-methyl-acetamide						64-17-5 79-16-3
T /K = 303.15									83P5
x_2	0.1049	0.2021	0.3699	0.4024	0.5109	0.6023	0.6979	0.7994	0.8950
η /(mPa s)	1.108	1.237	1.520	1.584	1.833	2.084	2.402	2.792	3.236
x_2	1.0000								
η /(mPa s)	3.829								
1006	C₂H₆O (1) C₃H₈O (2)		ethanol propan-1-ol						64-17-5 71-23-8
T /°C = 25.0									24P1
x_2	0.000	0.098	0.204	0.316	0.434	0.561	0.697	0.842	1.000
η /(mPa s)	1.090	1.164	1.233	1.319	1.408	1.522	1.640	1.754	1.897
T /°C = 30.0									82D1
x_1	0.0000	0.1123	0.2186	0.3083	0.3836	0.4951	0.5814	0.6518	0.7343
ν /(mm ² /s)	2.183	2.067	1.964	1.868	1.789	1.689	1.608	1.550	1.477
x_1	0.8296	0.9134	1.0000						
ν /(mm ² /s)	1.402	1.335	1.280						
1007	C₂H₆O (1) C₃H₈O (2)		ethanol propan-2-ol						64-17-5 67-63-0
T /°C = 25.0									90A4
x_1	0.0000	0.0963	0.2528	0.3926	0.4754	0.5576	0.6432	0.7361	0.8522
η /(mPa s)	2.0158	1.9115	1.7589	1.6333	1.5523	1.4698	1.3834	1.2990	1.2034
x_1	0.9173	1.0000							
η /(mPa s)	1.1506	1.0812							
T /K = 263.15									82V1
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8

η /(mPa s)	2.279	2.517	2.812	3.165	3.537	3.955	4.419	4.935	5.489
x_2	0.9	1.0							
η /(mPa s)	6.098	6.703							
T /K = 283.15									82V1
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	1.4653	1.6016	1.7440	1.9098	2.0751	2.2775	2.4596	2.6845	2.8991
x_2	0.9	1.0							
η /(mPa s)	3.1112	3.3079							
T /K = 298.15									82V1
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	1.0903	1.1663	1.2481	1.3433	1.4359	1.5362	1.6402	1.7362	1.8404
x_2	0.9	1.0							
η /(mPa s)	1.8838	2.0399							
T /K = 313.15									82V1
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	0.8269	0.8859	0.9338	0.9873	1.0387	1.0889	1.1402	1.1891	1.2387
x_2	0.9	1.0							
η /(mPa s)	1.2856	1.3262							
T /K = 328.15									82V1
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	0.6437	0.6653	0.6882	0.7113	0.7357	0.7603	0.7857	0.8124	0.8398
x_2	0.9	1.0							
η /(mPa s)	0.8681	0.8974							
T /°C = 10.0									90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
ν /(mm ² /s)	1.8200	1.7816	1.7802	1.8278	1.9197	2.0651	2.2712	2.5502	2.9226
x_2	0.90	1.00							
ν /(mm ² /s)	3.4413	4.1940							
T /°C = 20.0									90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
ν /(mm ² /s)	1.5270	1.5719	1.6304	1.7117	1.8125	1.9379	2.0884	2.2640	2.4752
x_2	0.90	1.00							
ν /(mm ² /s)	2.7367	3.0808							
T /°C = 30.0									90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
ν /(mm ² /s)	1.2800	1.3897	1.4926	1.5906	1.6970	1.8027	1.9148	2.0214	2.1135
x_2	0.90	1.00							
ν /(mm ² /s)	2.2047	2.3054							
T /°C = 40.0									90S6

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\nu /(\text{mm}^2/\text{s})$	1.0790	1.2253	1.3608	1.4878	1.5974	1.6913	1.7634	1.8074	1.8170
x_2	0.90	1.00							
$\nu /(\text{mm}^2/\text{s})$	1.8011	1.7629							
$T / ^\circ\text{C} = 50.0$									90S6
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\nu /(\text{mm}^2/\text{s})$	0.9200	1.0650	1.1999	1.3165	1.4192	1.4942	1.5433	1.5554	1.5272
x_2	0.90	1.00							
$\nu /(\text{mm}^2/\text{s})$	1.4651	1.3771							
$T/\text{K} = 298.15$									84W1
φ_1	0.0000	0.2054	0.3303	0.4088	0.4903	0.5843	0.6803	0.8148	0.8943
$\nu /(\text{mm}^2/\text{s})$	2.6086	2.2504	2.0875	1.9807	1.8769	1.7659	1.6574	1.5343	1.4664
φ_1	1.0000								
$\nu /(\text{mm}^2/\text{s})$	1.3770								
1008	C₂H₆O (1)		ethanol						64-17-5
	C₃H₈O₃ (2)		propane-1,2,3-triol						56-81-5
$T / ^\circ\text{C} = 25.0$									36E2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.10	1.52	2.23	3.49	5.83	10.4	20.6	45.3	103.3
w_2	0.90	1.00							
$\eta /(\text{mPa s})$	254.0	934.0							
$x_2 = 0.00$									55G2
$T / ^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	
$\nu /(\text{mm}^2/\text{s})$	1.563	1.358	1.187	1.017	0.867	0.743	0.634	0.542	
$T / ^\circ\text{C}$	100.0	110.0	120.0	130.0					
$\nu /(\text{mm}^2/\text{s})$	0.472	0.414	0.365	0.321					
$x_2 = 0.095$									55G2
$T / ^\circ\text{C}$	20.5	40.0	63.5	93.5	115.7	140.0			
$\nu /(\text{mm}^2/\text{s})$	2.772	1.799	1.136	0.729	0.529	0.358			
$x_2 = 0.164$									55G2
$T / ^\circ\text{C}$	21.0	47.5	75.0	99.0					
$\nu /(\text{mm}^2/\text{s})$	3.720	2.198	1.189	0.899					
$x_2 = 0.25$									55G2
$T / ^\circ\text{C}$	20.1	42.5	64.1	94.0	125.0				
$\nu /(\text{mm}^2/\text{s})$	5.67	3.74	2.08	1.15	0.680				
$x_2 = 0.40$									55G2
$T / ^\circ\text{C}$	21.1	32.5	47.0	66.5	88.0	113.6	135.0		
$\nu /(\text{mm}^2/\text{s})$	16.91	11.00	6.67	3.726	2.398	1.509	1.078		

$x_2 = 0.50$									55G2
$T/^\circ\text{C}$	21.0	33.5	50.7	67.4	90.5	117.1	140.0		
$\nu/(\text{mm}^2/\text{s})$	19.80	13.84	7.80	4.80	2.83	1.60	1.17		

$x_2 = 1.00$									55G2
$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	95.0	
$\nu/(\text{mm}^2/\text{s})$	826.31	556.96	258.18	135.86	75.58	45.96	30.01	17.03	

1009 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₃H₉N (2) **propylamine** **107-10-8**

$T/\text{K} = 303.15$ 98O1

x_2	0.0000	0.1084	0.2091	0.3178	0.4096	0.5111	0.6177	0.7059	0.8061
$\eta/(\text{mPa s})$	0.9930	0.9336	0.8629	0.7773	0.7051	0.6253	0.5566	0.5029	0.4453
x_2	0.9010	1.0000							
$\eta/(\text{mPa s})$	0.3982	0.3512							

$T/\text{K} = 313.15$ 98O1

x_2	0.0000	0.1084	0.2091	0.3178	0.4096	0.5111	0.6177	0.7059	0.8061
$\eta/(\text{mPa s})$	0.8291	0.7854	0.7216	0.6541	0.5979	0.5352	0.4750	0.4325	0.3864
x_2	0.9010	1.0000							
$\eta/(\text{mPa s})$	0.3474	0.3123							

$T/\text{K} = 298.15$ 95P1

x_1	0.0000	0.0515	0.0980	0.2026	0.2763	0.3874	0.4986	0.6013	0.7485
$\eta/(\text{mPa s})$	0.3650	0.3851	0.4053	0.4571	0.4993	0.5717	0.6539	0.7371	0.8650
x_1	0.7991	0.8981	0.9610	1.0000					
$\eta/(\text{mPa s})$	0.9101	0.9984	1.0520	1.0870					

A table is given in the original source 95P1 for pressures up to 52 MPa. 95P1

1010 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₃H₉NO₂S (2) **N,N-dimethyl-methanesulfonamide** **918-05-8**

$T/\text{K} = 333.15$ 83P3

x_2	0.0000	0.0983	0.1985	0.2938	0.4069	0.5049	0.6032	0.7009	0.7924
$\eta/(\text{mPa s})$	0.587	0.605	0.667	0.748	0.870	1.013	1.183	1.419	1.640
x_2	0.9080	1.0000							
$\eta/(\text{mPa s})$	2.020	2.443							

1011 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₄H₅N (2) **1H-pyrrole** **109-97-7**

$T/^\circ\text{C} = 25.0$ 38D1

$T/^\circ\text{C} = 45.0$										94G2
x_1	0.2	0.4	0.6	0.8						
$\eta^E/(\text{mPa s})$	-0.0833	-0.1451	-0.1808	-0.1049						
$T/^\circ\text{C} = 20.0$										75M2
x_1	0.0000	0.0981	0.1989	0.2900	0.4915	0.5924	0.6779	0.7965	0.8932	
$\nu/(\text{mm}^2/\text{s})$	0.502	0.511	0.524	0.545	0.639	0.721	0.801	0.945	1.170	
x_1	1.0000									
$\nu/(\text{mm}^2/\text{s})$	1.523									
$T/^\circ\text{C} = 25.0$										75M2
x_1	0.0000	0.0981	0.1989	0.2900	0.4915	0.5924	0.6779	0.7965	0.8932	
$\nu/(\text{mm}^2/\text{s})$	0.478	0.487	0.513	0.532	0.627	0.692	0.771	0.902	1.091	
x_1	1.0000									
$\nu/(\text{mm}^2/\text{s})$	1.373									
1015	C₂H₆O (1)		ethanol							64-17-5
	C₄H₈O₂ (2)		acetic acid ethyl ester							141-78-6
$T/\text{K} = 298.15$										96N2
x_2	0.0000	0.0549	0.1150	0.1849	0.2585	0.3434	0.4396	0.5496	0.6766	
$\eta/(\text{mPa s})$	1.082	0.955	0.843	0.738	0.670	0.603	0.546	0.494	0.451	
x_2	0.8247	1.0000								
$\eta/(\text{mPa s})$	0.446	0.424								
$T/\text{K} = 303.15$										96N2
x_2	0.0000	0.0549	0.1150	0.1849	0.2585	0.3434	0.4396	0.5496	0.6766	
$\eta/(\text{mPa s})$	0.988	0.873	0.767	0.674	0.603	0.544	0.503	0.461	0.424	
x_2	0.8247	1.0000								
$\eta/(\text{mPa s})$	0.416	0.400								
$T/\text{K} = 308.15$										96N2
x_2	0.0000	0.0549	0.1150	0.1849	0.2585	0.3434	0.4396	0.5496	0.6766	
$\eta/(\text{mPa s})$	0.893	0.791	0.702	0.615	0.550	0.498	0.462	0.431	0.402	
x_2	0.8247	1.0000								
$\eta/(\text{mPa s})$	0.395	0.385								
$T/^\circ\text{C} = 15.0$										66R1
x_1	0.0000	0.0890	0.1015	0.2075	0.3015	0.4023	0.5022	0.6063	0.7030	
$\eta/(\text{mPa s})$	0.4809	0.4866	0.4861	0.4988	0.5168	0.5466	0.5830	0.6421	0.7210	
x_1	0.8018	0.9063	1.0000							
$\eta/(\text{mPa s})$	0.8366	1.0263	1.3173							
$T/^\circ\text{C} = 20.0$										66R1
x_1	0.0000	0.0859	0.1941	0.3035	0.4182	0.5101	0.6099	0.6965	0.8020	
$\eta/(\text{mPa s})$	0.4537	0.4560	0.4634	0.4794	0.5085	0.5420	0.5908	0.6524	0.7604	

x_1	0.9047	1.0000							
$\eta /(\text{mPa s})$	0.9293	1.1952							
$T/^\circ\text{C} = 30.0$									
x_1	0.0000	0.1105	0.1943	0.3014	0.4019	0.5015	0.5018	0.5782	0.7239
$\eta /(\text{mPa s})$	0.4064	0.4100	0.4151	0.4274	0.4505	0.4786	0.4786	0.5007	0.5847
x_1	0.7994	0.9001	1.0000						
$\eta /(\text{mPa s})$	0.6482	0.7794	1.0019						
$T/^\circ\text{C} = 40.0$									
x_1	0.0000	0.0955	0.0992	0.2048	0.2918	0.4017	0.5028	0.5993	0.7140
$\eta /(\text{mPa s})$	0.3663	0.3669	0.3673	0.3731	0.3828	0.3976	0.4201	0.4519	0.4923
x_1	0.8007	1.0000							
$\eta /(\text{mPa s})$	0.5611	0.8251							
$T/^\circ\text{C} = 20.0$									
x_1	0.0000	0.0366	0.0913	0.1441	0.2337	0.3508	0.4664	0.5770	0.6752
$\nu /(\text{mm}^2/\text{s})$	0.510	0.512	0.521	0.531	0.562	0.584	0.632	0.697	0.779
x_1	0.7970	0.8766	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.946	1.124	1.523						
$T/^\circ\text{C} = 25.0$									
x_1	0.0000	0.0366	0.0913	0.1441	0.2337	0.3508	0.4664	0.5770	0.6752
$\nu /(\text{mm}^2/\text{s})$	0.483	0.485	0.493	0.500	0.527	0.546	0.583	0.644	0.713
x_1	0.7970	0.8766	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.862	1.007	1.373						

1016	C₂H₆O (1)	ethanol								64-17-5
	C₄H₈O₂ (2)	1,4-dioxane								123-91-1
$T/\text{K} = 298.15$										
x_2	0.0973	0.1942	0.2413	0.3576	0.4485	0.4886	0.6007	0.6512	0.7008	
$\eta^E /(\text{mPa s})$	-0.133	-0.211	-0.232	-0.256	-0.252	-0.243	-0.224	-0.206	-0.184	
x_2	0.7392	0.7984	0.8426	0.9020						
$\eta^E /(\text{mPa s})$	-0.158	-0.129	-0.105	-0.068						
$T/^\circ\text{C} = 15.0$										
x_2	0.0000	0.0703	0.1455	0.2259	0.3126	0.4045	0.5051	0.6163	0.7297	
$\eta /(\text{mPa s})$	1.3182	1.1640	1.0757	1.0264	0.9996	0.9999	1.0059	1.0453	1.1197	
x_2	0.8600	1.0000								
$\eta /(\text{mPa s})$	1.2343	1.4230								
$T/^\circ\text{C} = 20.0$										
x_2	0.0000	0.0703	0.1455	0.2259	0.3126	0.4045	0.5051	0.6163	0.7297	
$\eta /(\text{mPa s})$	1.2050	1.0691	0.9889	0.9468	0.9216	0.9225	0.9277	0.9582	1.0287	

x_2	0.8600	1.0000							
$\eta /(\text{mPa s})$	1.1352	1.2957							
$T / ^\circ\text{C} = 25.0$									87P2
x_2	0.0000	0.0703	0.1455	0.2259	0.3126	0.4045	0.5051	0.6163	0.7297
$\eta /(\text{mPa s})$	1.0710	0.9600	0.8885	0.8529	0.8387	0.8391	0.8469	0.8803	0.9425
x_2	0.8600	1.0000							
$\eta /(\text{mPa s})$	1.0436	1.1969							
$T / ^\circ\text{C} = 30.0$									87P2
x_2	0.0000	0.0703	0.1455	0.2259	0.3126	0.4045	0.5051	0.6163	0.7297
$\eta /(\text{mPa s})$	0.9892	0.8879	0.8285	0.7902	0.7727	0.7751	0.7819	0.8165	0.8647
x_2	0.8600	1.0000							
$\eta /(\text{mPa s})$	0.9699	1.0891							
$T / ^\circ\text{C} = 35.0$									87P2
x_2	0.0000	0.0703	0.1455	0.2259	0.3126	0.4045	0.5051	0.6163	0.7297
$\eta /(\text{mPa s})$	0.8987	0.8147	0.7595	0.7308	0.7174	0.7182	0.7278	0.7622	0.8101
x_2	0.8600	1.0000							
$\eta /(\text{mPa s})$	0.8938	1.0313							
$T / ^\circ\text{C} = 15.0$									87P1
x_2	0.0000	0.0703	0.1455	0.2259	0.3126	0.4045	0.5051	0.6163	0.7297
$\eta /(\text{mPa s})$	1.3182	1.1640	1.0757	1.0264	0.9996	0.9999	1.0059	1.0453	1.1197
x_2	0.8600	1.0000							
$\eta /(\text{mPa s})$	1.2343	1.4230							
$T / ^\circ\text{C} = 20.0$									87P1
x_2	0.0000	0.0703	0.1455	0.2259	0.3126	0.4045	0.5051	0.6163	0.7297
$\eta /(\text{mPa s})$	1.2050	1.0691	0.9889	0.9468	0.9216	0.9225	0.9277	0.9582	1.0287
x_2	0.8600	1.0000							
$\eta /(\text{mPa s})$	1.1352	1.2957							
$T / ^\circ\text{C} = 25.0$									87P1
x_2	0.0000	0.0703	0.1455	0.2259	0.3126	0.4045	0.5051	0.6163	0.7297
$\eta /(\text{mPa s})$	1.0710	0.9600	0.8885	0.8529	0.8387	0.8391	0.8469	0.8803	0.9425
x_2	0.8600	1.0000							
$\eta /(\text{mPa s})$	1.0436	1.1969							
$T / ^\circ\text{C} = 30.0$									87P1
x_2	0.0000	0.0703	0.1455	0.2259	0.3126	0.4045	0.5051	0.6163	0.7297
$\eta /(\text{mPa s})$	0.9892	0.8879	0.8285	0.7902	0.7727	0.7751	0.7819	0.8165	0.8647
x_2	0.8600	1.0000							
$\eta /(\text{mPa s})$	0.9699	1.0891							
$T / ^\circ\text{C} = 35.0$									87P1
x_2	0.0000	0.0703	0.1455	0.2259	0.3126	0.4045	0.5051	0.6163	0.7297
$\eta /(\text{mPa s})$	0.8987	0.8147	0.7595	0.7308	0.7174	0.7182	0.7278	0.7622	0.8101

x_2	0.8600	1.0000							
$\eta /(\text{mPa s})$	0.8938	1.0313							
$T / ^\circ\text{C} = 25.0$									71L1
w_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	1.084	1.038	0.996	0.957	0.926	0.895	0.878	0.862	0.850
w_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	0.841	0.838	0.837	0.842	0.852	0.867	0.888	0.920	0.962
w_2	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	1.016	1.094	1.194						
$T / ^\circ\text{C} = 35.0$									71L1
w_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	0.901	0.865	0.834	0.807	0.782	0.758	0.747	0.735	0.726
w_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	0.720	0.717	0.718	0.724	0.732	0.745	0.764	0.791	0.825
w_2	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	0.870	0.933	1.014						
$T / ^\circ\text{C} = 45.0$									71L1
w_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	0.756	0.731	0.707	0.686	0.668	0.650	0.642	0.633	0.627
w_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	0.624	0.622	0.624	0.629	0.638	0.650	0.666	0.689	0.718
w_2	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	0.758	0.810	0.874						
$T / ^\circ\text{C} = 30.0$									58L1
x_1	0.0000	0.2101	0.5822	0.7056	0.9635	1.0000			
$\eta /(\text{mPa s})$	1.096	0.984	0.825	0.798	0.927	0.988			
$T / ^\circ\text{C} = 55.0$									58L1
x_1	0.0000	0.2101	0.5822	0.7056	0.9635	1.0000			
$\eta /(\text{mPa s})$	0.758	0.677	0.566	0.546	0.612	0.643			
$T / ^\circ\text{C} = 75.0$									58L1
x_1	0.0000	0.2101	0.5822	0.7056	0.9635	1.0000			
$\eta /(\text{mPa s})$	0.597	0.522	0.414	0.396	0.450	0.470			
$T / ^\circ\text{C} = 25.0$									39H1
x_1	0.0000	0.1736	0.3110	0.4411	0.5527	0.6562	0.7322	0.8166	0.8844
$\eta /(\text{mPa s})$	1.184	1.029	0.933	0.885	0.863	0.849	0.860	0.884	0.938
x_1	0.9416	1.0000							
$\eta /(\text{mPa s})$	0.992	1.100							
$T / ^\circ\text{C} = 20.0$									29H1

w_2	0.10	0.40	0.50	0.60	0.90	1.00			
$\eta /(\text{mPa s})$	0.979	0.871	0.897	0.915	1.054	1.255			
$T / ^\circ\text{C} = 40.0$									29H1
w_2	0.10	0.40	0.50	0.60	0.90	1.00			
$\eta /(\text{mPa s})$	0.772	0.659	0.670	0.684	0.821	0.917			
$T / ^\circ\text{C} = 60.0$									29H1
w_2	0.10	0.40	0.50	0.60	0.90	1.00			
$\eta /(\text{mPa s})$	0.552	0.492	0.499	0.519	0.601	0.685			

1017	C₂H₆O (1)	C₄H₈O₂S (2)	ethanol tetrahydro-thiophene-1,1-dioxide					64-17-5 126-33-0	
$T / ^\circ\text{C} = 30.0$									74J1
x_2	0.0000	0.0680	0.1147	0.2119	0.2710	0.3740	0.4742	0.5738	0.7403
$\eta /(\text{mPa s})$	0.9919	1.008	1.063	1.241	1.380	1.696	2.116	2.691	4.239
x_2	0.8574	1.0000							
$\eta /(\text{mPa s})$	6.141	10.295							
$T / ^\circ\text{C} = 35.0$									74J1
x_2	0.0000	0.0680	0.1147	0.2119	0.2710	0.3740	0.4742	0.5738	0.7403
$\eta /(\text{mPa s})$	0.9052	0.9247	0.9760	1.135	1.264	1.546	1.922	2.436	3.820
x_2	0.8574	1.0000							
$\eta /(\text{mPa s})$	5.470	9.033							
$T / ^\circ\text{C} = 40.0$									74J1
x_2	0.0000	0.0680	0.1147	0.2119	0.2710	0.3740	0.4742	0.5738	0.7403
$\eta /(\text{mPa s})$	0.8276	0.8482	0.8945	1.039	1.155	1.417	1.755	2.216	3.446
x_2	0.8574	1.0000							
$\eta /(\text{mPa s})$	4.899	8.007							
$T / ^\circ\text{C} = 20.0$									69T1
x_2	0.0000	0.1473	0.2823	0.4005	0.5073	0.6041	0.6915	0.7748	0.8510
$\eta /(\text{mPa s})$	1.200	1.210	1.316	1.490	1.734	2.087	2.558	3.306	4.608
x_2	0.9195								
$\eta /(\text{mPa s})$	6.959								
$T / ^\circ\text{C} = 25.0$									69T1
x_2	0.0000	0.1473	0.2823	0.4005	0.5073	0.6041	0.6915	0.7748	0.8510
$\eta /(\text{mPa s})$	1.090	1.103	1.197	1.350	1.570	1.883	2.292	2.960	4.075
x_2	0.9195								
$\eta /(\text{mPa s})$	6.153								
$T / ^\circ\text{C} = 30.0$									69T1
x_2	0.0000	0.1473	0.2823	0.4005	0.5073	0.6041	0.6915	0.7748	0.8510
$\eta /(\text{mPa s})$	0.992	1.006	1.094	1.228	1.421	1.699	2.090	2.668	3.682

x_2	0.9195	1.0000							
η /(mPa s)	5.503	10.27							
$T/^\circ\text{C} = 40.0$									
x_2	0.0000	0.1473	0.2823	0.4005	0.5073	0.6041	0.6915	0.7748	0.8510
η /(mPa s)	0.827	0.845	0.919	1.031	1.192	1.421	1.734	2.207	3.001
x_2	0.9195	1.0000							
η /(mPa s)	4.423	7.910							
$T/^\circ\text{C} = 50.0$									
x_2	0.0000	0.1473	0.2823	0.4005	0.5073	0.6041	0.6915	0.7748	0.8510
η /(mPa s)	0.693	0.714	0.778	0.875	1.009	1.202	1.467	1.857	2.511
x_2	0.9195	1.0000							
η /(mPa s)	3.632	6.392							

1018 **C₂H₆O (1)** **ethanol** **64-17-5**
C₄H₉NO (2) **N,N-dimethyl-acetamide** **127-19-5**

$T/\text{K} = 303.15$ 83P4

x_2	0.0000	0.0809	0.1399	0.2001	0.2626	0.3738	0.4935	0.5953	0.6983
η /(mPa s)	0.994	0.944	0.915	0.894	0.878	0.865	0.861	0.862	0.863
x_2	0.7965	0.8971	1.0000						
η /(mPa s)	0.865	0.867	0.871						

1019 **C₂H₆O (1)** **ethanol** **64-17-5**
C₄H₁₀O (2) **butan-1-ol** **71-36-3**

$x_2 = 0.00$ 55G2

$T/^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
v /(mm ² /s)	1.563	1.358	1.187	1.017	0.867	0.743	0.634	0.542

$T/^\circ\text{C}$	100.0	110.0	120.0	130.0
v /(mm ² /s)	0.472	0.414	0.365	0.321

$x_2 = 0.50$ 55G2

$T/^\circ\text{C}$	24.0	25.5	47.6	62.5	74.7	96.0
v /(mm ² /s)	2.107	2.027	1.350	1.019	0.858	0.635

$x_2 = 0.68$ 55G2

$T/^\circ\text{C}$	22.0	35.0	48.1	65.5	76.0	99.0
v /(mm ² /s)	2.651	2.001	1.514	1.064	0.891	0.621

$x_2 = 0.80$ 55G2

$T/^\circ\text{C}$	24.0	39.5	50.0	65.0	77.3	98.5	110.6
v /(mm ² /s)	2.695	2.054	1.596	1.205	0.978	0.699	0.587

$x_2 = 1.00$ 55G2

$T/^\circ\text{C}$	20.0	41.0	66.0	81.0	95.0	113.0	130.0
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$\nu /(\text{mm}^2/\text{s})$	3.808	2.472	1.437	1.072	0.843	0.662	0.486		
1020	C₂H₆O (1) C₄H₁₀O (2)		ethanol ethoxy-ethane						64-17-5 60-29-7
$T / ^\circ\text{C} = 25.0$									12B1
w_1	0.0000	0.1361	0.2163	0.2701	0.3552	0.4249	0.5257	0.7685	1.0000
$\eta /(\text{mPa s})$	0.2260	0.2635	0.2897	0.3152	0.3590	0.4005	0.4782	0.7414	1.112
1021	C₂H₆O (1) C₄H₁₀O (2)		ethanol 2-methyl-propan-1-ol						64-17-5 78-83-1
$x_1 = 0.2008$									57D1
$T / ^\circ\text{C}$	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0
$\eta /(\text{mPa s})$	3.5017	3.0134	2.6821	2.242	1.980	1.661	1.455	1.261	1.078
$x_1 = 0.5033$									57D1
$T / ^\circ\text{C}$	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0
$\eta /(\text{mPa s})$	2.5424	2.2160	1.9971	1.648	1.479	1.281	1.120	0.998	0.861
$x_1 = 0.7551$									57D1
$T / ^\circ\text{C}$	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0
$\eta /(\text{mPa s})$	2.0174	1.7838	1.5620	1.335	1.180	1.044	0.935	0.832	0.742
1022	C₂H₆O (1) C₄H₁₀O (2)		ethanol 2-methyl-propan-2-ol						64-17-5 75-65-0
$T / \text{K} = 303.2$									95R6
x_1	0.000	0.050	0.100	0.150	0.200	0.300	0.400	0.500	0.600
$\eta /(\text{mPa s})$	3.333	3.256	3.156	3.039	2.914	2.645	2.360	2.070	1.793
x_1	0.700	0.800	0.850	0.900	0.950	1.000			
$\eta /(\text{mPa s})$	1.548	1.336	1.239	1.147	1.059	0.974			
1023	C₂H₆O (1) C₄H₁₀O₃ (2)		ethanol 2-(2-hydroxy-ethoxy)-ethanol						64-17-5 111-46-6
$T / ^\circ\text{C} = 25.0$									77I1
x_2	0.0000	0.0634	0.1325	0.2057	0.2869	0.3757	0.4743	0.5856	0.7080
$\eta /(\text{mPa s})$	1.1766	1.4913	1.9432	2.5512	3.4015	4.6143	6.3408	8.8983	12.777
x_2	0.8476	0.9198	1.0000						
$\eta /(\text{mPa s})$	18.8534	22.8807	28.0295						
$T / ^\circ\text{C} = 25.0$									77I1
x_2	0.0000	0.0634	0.1325	0.2057	0.2869	0.3757	0.4743	0.5856	0.7080
$\nu /(\text{mm}^2/\text{s})$	1.4852	1.8072	2.2618	2.8607	3.6773	4.8196	6.4081	8.7127	12.139

x_2	0.8476	0.9198	1.0000
$\nu /(\text{mm}^2/\text{s})$	17.4005	20.8385	25.1770

1024 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₄H₁₁N (2) **butylamine** **109-73-9**

$T/\text{K} = 303.15$ 99O1

x_2	0.0000	0.1093	0.1943	0.2825	0.4151	0.5136	0.6128	0.7066	0.8039
$\eta /(\text{mPa s})$	0.9930	0.9614	0.9273	0.8774	0.7915	0.7146	0.6369	0.5687	0.5095

x_2	0.8940	1.0000
$\eta /(\text{mPa s})$	0.4717	0.4442

$T/\text{K} = 313.15$ 99O1

x_2	0.0000	0.1093	0.1943	0.2825	0.4151	0.5136	0.6128	0.7066	0.8039
$\eta /(\text{mPa s})$	0.8291	0.7843	0.7470	0.7048	0.6383	0.5888	0.5355	0.4844	0.4428

x_2	0.8940	1.0000
$\eta /(\text{mPa s})$	0.4132	0.3927

$T/\text{K} = 298.15$ 93P1

x_1	0.000	0.102	0.150	0.295	0.449	0.501	0.595	0.680	0.752
$\eta /(\text{mPa s})$	0.468	0.514	0.542	0.626	0.749	0.791	0.872	0.931	0.977

x_1	0.897	1.000
$\eta /(\text{mPa s})$	1.051	1.087

A table is given in the original source 93P1 for pressures up to 72 MPa. 93P1

1025 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₅H₅N (2) **pyridine** **110-86-1**

$T/^\circ\text{C} = 25.0$ 36S1

w_2	0.0000	0.0997	0.1988	0.3977	0.5970	0.7943	0.9055	1.0000
$\eta /(\text{mPa s})$	1.1536	1.1499	1.1643	1.2023	1.1328	1.0204	0.9686	0.8776

1026 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₃H₈O₃ (2) **3-oxo-butylric acid methyl ester** **105-45-3**

$T/\text{K} = 298.15$ 93A1

x_2	0.0000	0.1051	0.2040	0.3085	0.4046	0.5070	0.6070	0.7033	0.8022
$\eta /(\text{mPa s})$	1.074	0.960	0.942	0.965	0.995	1.057	1.121	1.202	1.300

x_2	0.9020	1.0000
$\eta /(\text{mPa s})$	1.422	1.566

$T/\text{K} = 303.15$ 93A1

x_2	0.0000	0.1051	0.2040	0.3085	0.4046	0.5070	0.6070	0.7033	0.8022
$\eta /(\text{mPa s})$	0.979	0.879	0.866	0.883	0.913	0.968	1.027	1.099	1.187

x_2	0.9020	1.0000							
$\eta /(\text{mPa s})$	1.294	1.422							
$T/\text{K} = 308.15$									93A1
x_2	0.0000	0.1051	0.2040	0.3085	0.4046	0.5070	0.6070	0.7033	0.8022
$\eta /(\text{mPa s})$	0.893	0.806	0.798	0.814	0.841	0.892	0.946	1.011	1.092
x_2	0.9020	1.0000							
$\eta /(\text{mPa s})$	1.186	1.298							
1027	C₂H₆O (1) C₅H₉NO (2)	ethanol 1-methyl-pyrrolidin-2-one							64-17-5 872-50-4
$T/^\circ\text{C} = 20.0$									67V2
w_2	0.00000	0.17805	0.34346	0.45126	0.60458	0.72358	0.77749	0.84056	
$\eta /(\text{mPa s})$	1.20	1.17	1.18	1.22	1.31	1.40	1.46	1.55	
w_2	0.93516	1.00000							
$\eta /(\text{mPa s})$	1.70	1.83							
$T/^\circ\text{C} = 30.0$									67V2
w_2	0.00000	0.17805	0.34346	0.45126	0.60458	0.72358	0.77749	0.84056	
$\eta /(\text{mPa s})$	0.992	0.989	0.999	1.03	1.11	1.20	1.25	1.32	
w_2	0.93516	1.00000							
$\eta /(\text{mPa s})$	1.46	1.54							
$T/^\circ\text{C} = 40.0$									67V2
w_2	0.00000	0.17805	0.34346	0.45126	0.60458	0.72358	0.77749	0.84056	
$\eta /(\text{mPa s})$	0.826	0.833	0.862	0.888	0.962	1.03	1.08	1.16	
w_2	0.93516	1.00000							
$\eta /(\text{mPa s})$	1.26	1.33							
1028	C₂H₆O (1) C₅H₁₀O (2)	ethanol isopropoxy-ethene							64-17-5 926-65-8
$T/^\circ\text{C} = 20.0$									53S1
w_1	0.0000	0.0289	0.0596	0.0905	0.1659	1.0000			
$\eta /(\text{mPa s})$	0.3066	0.3133	0.3201	0.3289	0.3789	1.36			
1029	C₂H₆O (1) C₅H₁₀O (2)	ethanol propoxy-ethene							64-17-5 764-47-6
$T/^\circ\text{C} = 20.0$									53S1
w_1	0.0000	0.0205	0.0494	0.0938	0.1254	0.1588	0.2251	1.0000	
$\eta /(\text{mPa s})$	0.3410	0.3441	0.3508	0.3625	0.3721	0.3810	0.4067	1.36	

1030	C₂H₆O (1)		ethanol						64-17-5
	C₅H₁₃NO₂S (2)		N,N-diethyl-methanesulfonamide						2374-61-0
<i>T</i> /K = 303.15									88P1
<i>x</i> ₂	0.0000	0.0656	0.1402	0.2228	0.2849	0.3659	0.4606	0.5135	0.5968
<i>η</i> /(mPa s)	0.990	1.000	1.067	1.175	1.274	1.424	1.635	1.765	2.002
<i>x</i> ₂	0.6622	0.7430	0.8454	0.9395	1.0000				
<i>η</i> /(mPa s)	2.217	2.533	3.026	3.597	4.059				
1031	C₂H₆O (1)		ethanol						64-17-5
	C₅H₁₄OSi (2)		ethoxy-trimethyl-silane						1825-62-3
<i>T</i> /°C = 20.0									64V1
<i>x</i> ₂	0.0000	0.0399	0.0856	0.1382	0.1997	0.2723	0.3596	0.4662	0.5995
<i>η</i> /(mPa s)	1.1900	1.0817	0.9600	0.8750	0.7650	0.6814	0.6062	0.5385	0.4753
<i>x</i> ₂	0.7677	1.0000							
<i>η</i> /(mPa s)	0.4067	0.3627							
1032	C₂H₆O (1)		ethanol						64-17-5
	C₆H₅NO₂ (2)		nitrobenzene						98-95-3
<i>T</i> /K = 298.15									95N1
<i>x</i> ₂	0.0000	0.0399	0.0856	0.1382	0.1997	0.2723	0.3595	0.4661	0.5995
<i>η</i> /(mPa s)	1.0789	1.0599	1.0483	1.0612	1.0723	1.1163	1.1661	1.2008	1.3173
<i>x</i> ₂	0.7111	1.0000							
<i>η</i> /(mPa s)	1.4400	1.7632							
<i>T</i> /K = 303.15									95N1
<i>x</i> ₂	0.0000	0.0399	0.0856	0.1382	0.1997	0.2723	0.3595	0.4661	0.5995
<i>η</i> /(mPa s)	0.9865	0.9662	0.9579	0.9691	0.9809	1.0102	1.0682	1.0853	1.2069
<i>x</i> ₂	0.7111	1.0000							
<i>η</i> /(mPa s)	1.3121	1.6190							
1033	C₂H₆O (1)		ethanol						64-17-5
	C₆H₆ (2)		benzene						71-43-2
<i>T</i> /°C = 25.0									89K1
<i>x</i> ₂	0.0000	0.1059	0.1897	0.2966	0.3983	0.4887	0.5993	0.6937	0.7987
<i>η</i> /(mPa s)	1.083	0.959	0.880	0.794	0.731	0.681	0.638	0.610	0.590
<i>x</i> ₂	0.8995	1.0000							
<i>η</i> /(mPa s)	0.582	0.605							
<i>T</i> /K = 298.2									83A1
<i>x</i> ₁	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.800

η /(mPa s)	0.6028	0.583	0.587	0.605	0.635	0.675	0.723	0.782	0.861
x_1	0.900	1.000							
η /(mPa s)	0.959	1.078							
T /°C = 15.0									70K1
x_1	0.000	0.292	0.526	0.714	0.869	1.000			
η /(mPa s)	0.702	0.728	0.840	0.991	1.160	1.333			
T /°C = 25.0									70K1
x_1	0.000	0.292	0.526	0.714	0.869	1.000			
η /(mPa s)	0.606	0.613	0.696	0.825	0.949	1.095			
T /°C = 40.0									70K1
x_1	0.000	0.292	0.526	0.714	0.869	1.000			
η /(mPa s)	0.491	0.485	0.550	0.623	0.724	0.833			
T /°C = 15.0									06G1
φ_1	0.00	0.25	0.50	0.75	1.00				
η /(mPa s)	0.704	0.717	0.881	1.100	1.321				
T /°C = 20.0									06G1
φ_1	0.00	0.25	0.50	0.75	1.00				
η /(mPa s)	0.649	0.657	0.810	1.017	1.192				
T /°C = 25.0									06G1
φ_1	0.00	0.25	0.50	0.75	1.00				
η /(mPa s)	0.606	0.624	0.759	0.926	1.091				
T /°C = 30.0									06G1
φ_1	0.00	0.25	0.50	0.75	1.00				
η /(mPa s)	0.562	0.571	0.681	0.839	0.990				
T /°C = 35.0									06G1
φ_1	0.00	0.25	0.50	0.75	1.00				
η /(mPa s)	0.527	0.538	0.623	0.772	0.909				
T /°C = 40.0									06G1
φ_1	0.00	0.25	0.50	0.75	1.00				
η /(mPa s)	0.492	0.500	0.567	0.699	0.828				
$w_2 = 0.00$									50G1
T /°C	20.0	30.0	40.0	50.0	70.0	80.0	90.0	110.0	140.0
ν /(mm ² /s)	1.574	1.358	1.189	1.016	0.742	0.634	0.541	0.413	0.292
T /°C	160.0								
ν /(mm ² /s)	0.233								
$w_2 = 0.180$									50G1
T /°C	21.1	38.5	50.0	62.2	78.9	96.6	116.2	124.6	131.7
ν /(mm ² /s)	1.092	0.848	0.714	0.588	0.476	0.392	0.324	0.302	0.286

$w_2 = 0.395$									50G1
$T/^\circ\text{C}$	22.4	33.2	41.1	51.2	61.0	78.5	99.1	132.1	
$\nu/(\text{mm}^2/\text{s})$	0.863	0.735	0.659	0.590	0.504	0.423	0.350	0.275	
$w_2 = 0.663$									50G1
$T/^\circ\text{C}$	15.8	26.5	50.3	74.0	94.3	113.0	124.0	146.0	
$\nu/(\text{mm}^2/\text{s})$	0.769	0.675	0.496	0.400	0.336	0.299	0.279	0.271	
$w_2 = 1.00$									50G1
$T/^\circ\text{C}$	20.4	36.0	50.8	70.1	88.9	113.3	130.0		
$\nu/(\text{mm}^2/\text{s})$	0.621	0.514	0.442	0.378	0.325	0.278	0.269		
1034	C₂H₆O (1) C₆H₆O (2)		ethanol phenol						64-17-5 108-95-2
$T/^\circ\text{C} = 15.0$									24W4
x_2	0.2272	0.3333	0.4000	0.4673	0.5650	0.6622	0.7634		
η/η_{water}	1.55	1.82	2.12	2.52	3.25	4.10	6.21		
1035	C₂H₆O (1) C₆H₆O₂ (2)		ethanol benzene-1,2-diol						64-17-5 120-80-9
$T/^\circ\text{C} = 17.0$									25W1
x_1	0.64	0.67	0.68	0.69	0.71	0.75	0.78	0.80	0.82
η/η_{water}	7.8	6.3	6.8	6.1	5.2	4.3	3.6	3.2	2.9
1036	C₂H₆O (1) C₆H₆O₂ (2)		ethanol benzene-1,3-diol						64-17-5 108-46-3
$T/^\circ\text{C} = 17.0$									25W1
x_1	0.64	0.66	0.67	0.71	0.78	0.80	0.82		
η/η_{water}	26.3	19.6	16.8	12.6	7.1	6.0	5.1		
1037	C₂H₆O (1) C₆H₆O₃ (2)		ethanol benzene-1,2,3-triol						64-17-5 87-66-1
$T/^\circ\text{C} = 20.0$									25W2
x_2	0.2000	0.2222	0.2500	0.2857					
η/η_{water}	0.65	0.83	1.42	1.43					
1038	C₂H₆O (1) C₆H₇N (2)		ethanol 4-methyl-pyridine						64-17-5 108-89-4
$T/\text{K} = 298.15$									99H1

x_1	0.0000	0.1190	0.2179	0.3335	0.4260	0.5813	0.7893	0.8494	0.9031
$\eta /(\text{mPa s})$	0.8600	0.8780	0.8832	0.8963	0.9084	0.9345	0.9902	1.0152	1.0407
x_1	1.0000								
$\eta /(\text{mPa s})$	1.0969								

1039	C ₂ H ₆ O (1)		ethanol						64-17-5
	C ₆ H ₁₀ O ₃ (2)		3-oxo-butyric acid ethyl ester						141-97-9
$T / ^\circ\text{C} = 25.0$									09D1
x_2	0.0000	0.0805	0.3628	0.4671	0.6402	1.0000			
$\eta /(\text{mPa s})$	1.067	1.023	0.9625	0.9791	1.0370	1.5081			

1040	C ₂ H ₆ O (1)		ethanol						64-17-5
	C ₆ H ₁₂ (2)		cyclohexane						110-82-7
$T / ^\circ\text{C} = 15.0$									91P2
x_2	0.0000	0.0565	0.1188	0.1894	0.2674	0.3539	0.4506	0.5626	0.6898
$\eta /(\text{mPa s})$	1.3183	1.2475	1.2000	1.1524	1.1166	1.0889	1.0602	1.0351	1.0095
x_2	0.8348	1.0000							
$\eta /(\text{mPa s})$	1.0016	1.0626							
$T / ^\circ\text{C} = 20.0$									91P2
x_2	0.0000	0.0565	0.1188	0.1894	0.2674	0.3539	0.4506	0.5626	0.6898
$\eta /(\text{mPa s})$	1.2050	1.1427	1.0977	1.0535	1.0275	0.9953	0.9698	0.9436	0.9184
x_2	0.8348	1.0000							
$\eta /(\text{mPa s})$	0.9099	0.9781							
$T / ^\circ\text{C} = 25.0$									91P2
x_2	0.0000	0.0565	0.1188	0.1894	0.2674	0.3539	0.4506	0.5626	0.6898
$\eta /(\text{mPa s})$	1.0856	1.0369	0.9995	0.9602	0.9303	0.9067	0.8821	0.8589	0.8388
x_2	0.8348	1.0000							
$\eta /(\text{mPa s})$	0.8319	0.8942							
$T / ^\circ\text{C} = 30.0$									91P2
x_2	0.0000	0.0565	0.1188	0.1894	0.2674	0.3539	0.4506	0.5626	0.6898
$\eta /(\text{mPa s})$	0.9892	0.9470	0.9133	0.8784	0.8522	0.8288	0.8084	0.7860	0.7655
x_2	0.8348	1.0000							
$\eta /(\text{mPa s})$	0.7647	0.8226							
$T / ^\circ\text{C} = 35.0$									91P2
x_2	0.0000	0.0565	0.1188	0.1894	0.2674	0.3539	0.4506	0.5626	0.6898
$\eta /(\text{mPa s})$	0.9061	0.8683	0.8383	0.8039	0.7793	0.7578	0.7384	0.7191	0.7052
x_2	0.8348	1.0000							
$\eta /(\text{mPa s})$	0.7051	0.7592							
$T / \text{K} = 298.15$									91P1

x_2	0.0000	0.0999	0.1993	0.2995	0.3987	0.5003	0.5500	0.6011	0.7014
$\eta /(\text{mPa s})$	1.0832	1.003	0.951	0.923	0.892	0.872	0.861	0.851	0.831
x_2	0.8030	0.9006	1.0000						
$\eta /(\text{mPa s})$	0.826	0.840	0.8984						
$T / ^\circ\text{C} = 25.0$									90M1
w_1	0.375	0.444	0.500	0.555	0.625	0.714	0.769	0.833	0.909
$\eta /(\text{mPa s})$	0.87	0.86	0.87	0.87	0.88	0.90	0.94	0.96	1.02
w_1	1.000								
$\eta /(\text{mPa s})$	1.09								
$w_2 = 0.00$									75S1
$T / ^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	80.0	100.0	120.0	
$\eta /(\text{mPa s})$	1.200	1.005	0.835	0.700	0.590	0.430	0.320	0.245	
$T / ^\circ\text{C}$	140.0	160.0	180.0	200.0	220.0	230.0	235.0		
$\eta /(\text{mPa s})$	0.190	0.151	0.120	0.095	0.073	0.068	0.062		
$w_2 = 0.20$									75S1
$T / ^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	80.0	100.0	120.0	
$\eta /(\text{mPa s})$	1.125	0.928	0.764	0.634	0.534	0.393	0.303	0.236	
$T / ^\circ\text{C}$	140.0	160.0	180.0	200.0	220.0	230.0	235.0		
$\eta /(\text{mPa s})$	0.184	0.143	0.113	0.089	0.068	0.056	0.051		
$w_2 = 0.40$									75S1
$T / ^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	80.0	100.0	120.0	
$\eta /(\text{mPa s})$	1.054	0.878	0.738	0.616	0.519	0.379	0.291	0.226	
$T / ^\circ\text{C}$	140.0	160.0	180.0	200.0	220.0	230.0	235.0		
$\eta /(\text{mPa s})$	0.180	0.141	0.111	0.089	0.069	0.059	0.052		
$w_2 = 0.60$									75S1
$T / ^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	80.0	100.0	120.0	
$\eta /(\text{mPa s})$	0.997	0.823	0.694	0.592	0.503	0.369	0.282	0.218	
$T / ^\circ\text{C}$	140.0	160.0	180.0	200.0	220.0	230.0	235.0		
$\eta /(\text{mPa s})$	0.173	0.142	0.118	0.094	0.072	0.063	0.056		
$w_2 = 0.80$									75S1
$T / ^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	80.0	100.0	120.0	
$\eta /(\text{mPa s})$	0.932	0.775	0.659	0.567	0.491	0.368	0.284	0.228	
$T / ^\circ\text{C}$	140.0	160.0	180.0	200.0	220.0	230.0	235.0		
$\eta /(\text{mPa s})$	0.182	0.151	0.126	0.105	0.085	0.073	0.069		
$w_2 = 1.00$									75S1
$T / ^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	80.0	100.0	120.0	
$\eta /(\text{mPa s})$	0.993	0.830	0.708	0.600	0.533	0.415	0.331	0.271	
$T / ^\circ\text{C}$	140.0	160.0	180.0	200.0	220.0	230.0	235.0		
$\eta /(\text{mPa s})$	0.226	0.187	0.158	0.130	0.108	0.097	0.091		

$T/^\circ\text{C} = 25.0$									65B1
x_1	0.0000	0.0396	0.0718	0.1435	0.3225	0.4832	0.6269	0.7067	0.8205
$\eta/(\text{mPa s})$	0.889	0.871	0.867	0.851	0.839	0.864	0.901	0.923	0.967
x_1	0.8789	0.9548	1.0000						
$\eta/(\text{mPa s})$	1.005	1.047	1.093						
$T/^\circ\text{C} = 35.0$									65B1
x_1	0.0000	0.0396	0.0718	0.1435	0.3225	0.4832	0.6269	0.7067	0.8205
$\eta/(\text{mPa s})$	0.763	0.741	0.729	0.716	0.707	0.726	0.752	0.772	0.807
x_1	0.8789	0.9548	1.0000						
$\eta/(\text{mPa s})$	0.835	0.875	0.908						
$T/^\circ\text{C} = 45.0$									65B1
x_1	0.0000	0.0396	0.0718	0.1435	0.3225	0.4832	0.6269	0.7067	0.8205
$\eta/(\text{mPa s})$	0.655	0.632	0.627	0.614	0.601	0.616	0.634	0.649	0.680
x_1	0.8789	0.9548	1.0000						
$\eta/(\text{mPa s})$	0.701	0.736	0.761						
$T/^\circ\text{C} = 55.0$									65B1
x_1	0.0000	0.0396	0.0718	0.1435	0.3225	0.4832	0.6269	0.7067	0.8205
$\eta/(\text{mPa s})$	0.568	0.547	0.539	0.526	0.515	0.524	0.539	0.551	0.575
x_1	0.8789	0.9548	1.0000						
$\eta/(\text{mPa s})$	0.591	0.619	0.637						
$T/\text{K} = 298.15$									84W1
φ_1	0.0000	0.2172	0.3103	0.3891	0.4473	0.5902	0.6765	0.7739	0.8998
$\nu/(\text{mm}^2/\text{s})$	1.1512	1.0811	1.1128	1.1306	1.1502	1.1964	1.2217	1.2595	1.3161
φ_1	1.0000								
$\nu/(\text{mm}^2/\text{s})$	1.3770								
1041	C₂H₆O (1)		ethanol						64-17-5
	C₆H₁₄ (2)		hexane						110-54-3
$T/\text{K} = 298.15$									94P2
x_2	0.0000	0.0432	0.1024	0.1981	0.3027	0.4066	0.5031	0.5999	0.7007
$\eta/(\text{mPa s})$	1.0870	0.9721	0.8480	0.7020	0.5885	0.5026	0.4390	0.3881	0.3479
x_2	0.8026	0.8955	0.9710	1.0000					
$\eta/(\text{mPa s})$	0.3191	0.3025	0.2965	0.2964					
A table is given in the original source 94P2 for pressures up to 52 MPa.									94P2
$T/^\circ\text{C} = 20.0$									73L1
w_2	0.100	0.175	0.200	0.218	0.240	0.260	0.300	0.350	0.400
$\eta/(\text{mPa s})$	1.041	0.939	0.915	0.887	0.857	0.835	0.793	0.738	0.695
w_2	0.450	0.500	0.550	0.600	0.650	0.700	0.750	0.800	0.850

η /(mPa s)	0.649	0.604	0.556	0.515	0.480	0.445	0.412	0.382	0.357
w_2	0.900	0.955							
η /(mPa s)	0.338	0.324							
$T/^\circ\text{C} = 25.0$									73L1
w_2	0.100	0.175	0.200	0.218	0.240	0.260	0.300	0.350	0.400
η /(mPa s)	0.949	0.859	0.838	0.812	0.785	0.765	0.726	0.680	0.640
w_2	0.450	0.500	0.550	0.600	0.650	0.700	0.750	0.800	0.850
η /(mPa s)	0.598	0.558	0.515	0.478	0.446	0.416	0.386	0.359	0.337
w_2	0.900	0.955							
η /(mPa s)	0.320	0.307							
$T/^\circ\text{C} = 30.0$									73L1
w_2	0.100	0.175	0.200	0.218	0.240	0.260	0.300	0.350	0.400
η /(mPa s)	0.872	0.790	0.770	0.749	0.725	0.706	0.672	0.629	0.593
w_2	0.450	0.500	0.550	0.600	0.650	0.700	0.750	0.800	0.850
η /(mPa s)	0.554	0.518	0.479	0.446	0.416	0.388	0.361	0.336	0.318
w_2	0.900	0.955							
η /(mPa s)	0.303	0.291							
$T/^\circ\text{C} = 35.0$									73L1
w_2	0.100	0.175	0.200	0.218	0.240	0.260	0.300	0.350	0.400
η /(mPa s)	0.800	0.727	0.709	0.689	0.668	0.651	0.620	0.582	0.549
w_2	0.450	0.500	0.550	0.600	0.650	0.700	0.750	0.800	0.850
η /(mPa s)	0.513	0.482	0.447	0.416	0.389	0.364	0.339	0.318	0.301
w_2	0.900	0.955							
η /(mPa s)	0.286	0.276							
$T/^\circ\text{C} = 40.0$									73L1
w_2	0.100	0.175	0.200	0.218	0.240	0.260	0.300	0.350	0.400
η /(mPa s)	0.735	0.668	0.653	0.635	0.618	0.602	0.574	0.540	0.509
w_2	0.450	0.500	0.550	0.600	0.650	0.700	0.750	0.800	0.850
η /(mPa s)	0.478	0.448	0.415	0.388	0.363	0.341	0.319	0.300	0.285
w_2	0.900	0.955							
η /(mPa s)	0.272	0.263							
$T/^\circ\text{C} = 25.0$									71R1
x_1	0.0000	0.0607	0.1035	0.1286	0.2486	0.3428	0.4373	0.4727	0.5330
η /(mPa s)	0.2974	0.3050	0.3031	0.3060	0.3322	0.3666	0.4133	0.4249	0.4651
x_1	0.5802	0.6757	0.7394	0.7922	0.8689	0.8995	0.9793	0.9851	1.0000
η /(mPa s)	0.4994	0.5717	0.6511	0.7074	0.8184	0.8715	1.033	1.046	1.100
$T/\text{K} = 298.15$									84W1
φ_2	0.0000	0.2004	0.2864	0.3942	0.4739	0.6082	0.7083	0.7796	0.8913
ν /(mm ² /s)	1.3770	1.1197	1.0312	0.9182	0.8376	0.7131	0.6199	0.5590	0.4806

φ_2 1.0000
 $\nu / (\text{mm}^2/\text{s})$ 0.4470

1042 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₆H₁₄O (2) **3,3-dimethyl-butan-2-ol** **464-07-3**

$T/\text{K} = 298.15$ 96A10

x_1	0.0000	0.1189	0.2073	0.3070	0.4071	0.5091	0.5921	0.6931	0.8064
$\eta / (\text{mPa s})$	4.4307	4.0297	3.8312	3.5675	3.2384	2.8477	2.5520	2.1184	1.6778

x_1	0.9041	1.0000
$\eta / (\text{mPa s})$	1.3499	1.0694

1043 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₆H₁₄O (2) **2-ethyl-butan-1-ol** **97-95-0**

$T/\text{K} = 298.15$ 96A10

x_1	0.0000	0.1055	0.2003	0.3067	0.4044	0.5030	0.6076	0.6966	0.8051
$\eta / (\text{mPa s})$	5.8191	5.1436	4.5018	3.8439	3.2906	2.7771	2.3501	1.9722	1.6167

x_1	0.9036	1.0000
$\eta / (\text{mPa s})$	1.3448	1.0694

1044 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₆H₁₄O (2) **hexan-1-ol** **111-27-3**

$T/\text{K} = 303.15$ 99A1

x_1	0.0000	0.1433	0.2814	0.4870	0.6448	0.7691	0.8692	0.9524	1.0000
$\eta / (\text{mPa s})$	3.8951	3.3639	2.8872	2.2414	1.8073	1.5088	1.2795	1.0933	1.0090

$T/\text{K} = 298.15$ 96A10

x_1	0.0000	0.1094	0.2099	0.2971	0.3973	0.5015	0.5903	0.6925	0.8012
$\eta / (\text{mPa s})$	4.4862	4.0014	3.5373	3.1944	2.8285	2.4836	2.2143	1.8939	1.5741

x_1	0.8990	1.0000
$\eta / (\text{mPa s})$	1.3047	1.0694

1045 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₆H₁₄O (2) **hexan-2-ol** **626-93-7**

$T/\text{K} = 298.15$ 96A10

x_1	0.0000	0.1065	0.2102	0.3167	0.4096	0.5036	0.6033	0.7079	0.8023
$\eta / (\text{mPa s})$	4.0474	3.7829	3.4845	3.1151	2.8265	2.5117	2.1598	1.8358	1.5716

x_1	0.9063	1.0000
$\eta / (\text{mPa s})$	1.3012	1.0694

1046	C₂H₆O (1) C₆H₁₄O (2)	ethanol hexan-3-ol								64-17-5 623-37-0
<i>T</i> /K = 298.15										
<i>x</i> ₁	0.0000	0.1028	0.2116	0.3124	0.4135	0.5018	0.6027	0.6987	0.7994	
<i>η</i> /(mPa s)	4.3405	4.2359	3.9746	3.6585	3.2178	2.8803	2.4594	2.0535	1.6727	
<i>x</i> ₁	0.9044	1.0000								
<i>η</i> /(mPa s)	1.3627	1.0694								
1047	C₂H₆O (1) C₆H₁₄O (2)	ethanol 2-methyl-pentan-1-ol								64-17-5 105-30-6
<i>T</i> /K = 298.15										
<i>x</i> ₁	0.0000	0.1048	0.2134	0.3147	0.4122	0.5011	0.6144	0.7136	0.7984	
<i>η</i> /(mPa s)	5.3039	4.6149	3.9956	3.4814	3.0135	2.6636	2.2535	1.8841	1.6231	
<i>x</i> ₁	0.9049	1.0000								
<i>η</i> /(mPa s)	1.3027	1.0694								
1048	C₂H₆O (1) C₆H₁₄O (2)	ethanol 4-methyl-pentan-2-ol								64-17-5 108-11-2
<i>T</i> /K = 298.15										
<i>x</i> ₁	0.0000	0.1103	0.2012	0.3207	0.4152	0.5152	0.6098	0.7078	0.8008	
<i>η</i> /(mPa s)	3.8229	3.6824	3.4953	3.1306	2.8169	2.4871	2.1596	1.8828	1.6005	
<i>x</i> ₁	0.8981	1.0000								
<i>η</i> /(mPa s)	1.3424	1.0694								
1049	C₂H₆O (1) C₆H₁₄O (2)	ethanol 3-methyl-pentan-3-ol								64-17-5 77-74-7
<i>T</i> /K = 298.15										
<i>x</i> ₁	0.0000	0.1124	0.2131	0.2990	0.4102	0.5116	0.6138	0.7104	0.7975	
<i>η</i> /(mPa s)	3.9176	3.6185	3.4054	3.3450	3.2321	3.0073	2.6317	2.2026	1.8373	
<i>x</i> ₁	0.9010	1.0000								
<i>η</i> /(mPa s)	1.4049	1.0694								
1050	C₂H₆O (1) C₆H₁₄O₄ (2)	ethanol 2-[2-(2-hydroxy-ethoxy)-ethoxy]-ethanol								64-17-5 112-27-6
<i>T</i> /°C = 25.0										
<i>x</i> ₂	0.0000	0.0478	0.0977	0.1558	0.2223	0.2996	0.3914	0.4980	0.6300	
<i>η</i> /(mPa s)	1.1766	1.5351	1.9993	2.6664	3.5976	4.9310	6.9772	10.0394	15.150	

x_2	0.7957	0.8904	1.0000
$\eta /(\text{mPa s})$	23.3601	29.1997	37.3794

$T / ^\circ\text{C} = 25.0$

77I1

x_2	0.0000	0.0478	0.0977	0.1558	0.2223	0.2996	0.3914	0.4980	0.6300
$\nu /(\text{mm}^2/\text{s})$	1.4852	1.8540	2.3218	2.9792	3.8751	5.1306	7.0172	9.7821	14.303

x_2	0.7957	0.8904	1.0000
$\nu /(\text{mm}^2/\text{s})$	21.4372	26.4275	33.3744

1051 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₆H₁₅N (2) **triethylamine** **121-44-8**

$T / ^\circ\text{C} = 25.0$

81K2

x_2	0.000	0.022	0.045	0.095	0.153	0.296	0.387	0.495	0.627
$\eta /(\text{mPa s})$	1.1347	1.1240	1.1131	1.0707	0.9630	0.8051	0.6842	0.5982	0.5113

x_2	1.000
$\eta /(\text{mPa s})$	0.3563

1052 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₆H₁₈N₃OP (2) **hexamethylphosphoric triamide** **680-31-9**

$T / \text{K} = 303.15$

92P4

x_2	0.0000	0.1007	0.2043	0.2959	0.3983	0.5079	0.5998	0.6980	0.8012
$\eta /(\text{mPa s})$	0.994	1.255	1.461	1.627	1.807	2.005	2.180	2.362	2.557

x_2	0.9052	1.0000
$\eta /(\text{mPa s})$	2.750	2.928

1053 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₇H₆O (2) **benzaldehyde** **100-52-7**

$T / ^\circ\text{C} = 25.0$

04D1

x_1	0.0000	0.0937	0.2068	0.4604	0.6753	0.7640	0.7933	0.8835	1.0000
$\eta /(\text{mPa s})$	1.445	1.362	1.308	1.158	1.041	1.051	1.050	1.092	1.113

1054 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₇H₆O₂ (2) **2-hydroxy-benzaldehyde** **90-02-8**

$T / ^\circ\text{C} = 17.0$

25W1

x_1	0.33	0.50	0.60	0.66	0.75
$\eta / \eta_{\text{water}}$	2.1	1.8	1.7	1.6	1.4

1055 **C₂H₆O (1)** **ethanol** **64-17-5**
 C₇H₈ (2) **toluene** **108-88-3**

$T/^\circ\text{C} = 30.0$									91R3
x_2	0.0000	0.1200	0.2194	0.2832	0.3530	0.4297	0.5144	0.6858	0.8626
$\eta /(\text{mPa s})$	1.0154	0.8702	0.7784	0.6484	0.6235	0.6339	0.6010	0.5501	0.5251
x_2	1.0000								
$\eta /(\text{mPa s})$	0.5284								
$x_2 = 0.0000$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta /(\text{mPa s})$	6.412	4.796	3.659	2.781	2.232	1.773	1.469	1.216	
T/K	303.15	313.15	323.15	333.15	343.15	353.15			
$\eta /(\text{mPa s})$	0.981	0.809	0.673	0.554	0.473	0.400			
$x_2 = 0.1111$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta /(\text{mPa s})$	7.792	5.559	4.068	3.052	2.355	1.812	1.425	1.119	
T/K	303.15	313.15	323.15	333.15	343.15	353.15			
$\eta /(\text{mPa s})$	0.927	0.778	0.648	0.551	0.476	0.419			
$x_2 = 0.2500$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta /(\text{mPa s})$	6.243	4.453	3.270	2.448	1.894	1.480	1.179	0.928	
T/K	303.15	313.15	323.15	333.15	343.15	353.15			
$\eta /(\text{mPa s})$	0.774	0.654	0.557	0.484	0.415	0.396			
$x_2 = 0.4286$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta /(\text{mPa s})$	4.790	3.346	2.477	1.883	1.485	1.181	0.960	0.718	
T/K	303.15	313.15	323.15	333.15	343.15	353.15			
$\eta /(\text{mPa s})$	0.651	0.557	0.479	0.425	0.372	0.342			
$x_2 = 0.6667$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta /(\text{mPa s})$	3.176	2.365	1.793	1.410	1.148	0.936	0.784	0.654	
T/K	303.15	313.15	323.15	333.15	343.15	353.15			
$\eta /(\text{mPa s})$	0.574	0.504	0.446	0.396	0.357	0.316			
$x_2 = 1.0000$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta /(\text{mPa s})$	2.518	1.850	1.367	1.109	0.953	0.806	0.688	0.575	
T/K	303.15	313.15	323.15	333.15	343.15	353.15			
$\eta /(\text{mPa s})$	0.514	0.463	0.413	0.375	0.341	0.315			

1056

C₂H₆O (1)
C₇H₈O (2)

ethanol
methoxybenzene

64-17-5
100-66-3

$T/^\circ\text{C} = 0.0$										31P1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	1.78	1.74	1.70	1.67	1.66	1.65	1.69	1.74	1.79	
x_1	0.90	1.00								
$\eta/(\text{mPa s})$	1.86	1.92								
$T/^\circ\text{C} = 10.0$										31P1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	1.51	1.47	1.45	1.43	1.41	1.40	1.41	1.43	1.46	
x_1	0.90	1.00								
$\eta/(\text{mPa s})$	1.50	1.57								
$T/^\circ\text{C} = 20.0$										31P1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	1.32	1.28	1.25	1.23	1.21	1.20	1.21	1.22	1.24	
x_1	0.90	1.00								
$\eta/(\text{mPa s})$	1.26	1.28								
$T/^\circ\text{C} = 30.0$										31P1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	1.21	1.17	1.13	1.11	1.09	1.07	1.075	1.076	1.078	
x_1	0.90	1.00								
$\eta/(\text{mPa s})$	1.079	1.08								
$T/^\circ\text{C} = 40.0$										31P1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	1.12	1.08	1.05	1.03	1.01	0.971	0.970	0.962	0.959	
x_1	0.90	1.00								
$\eta/(\text{mPa s})$	0.935	0.925								
$T/^\circ\text{C} = 25.0$										12B1
w_1	0.0000	0.1002	0.2095	0.3232	0.4433	0.5700	0.7038	0.8479	1.0000	
$\eta/(\text{mPa s})$	1.008	0.9243	0.9045	0.9039	0.9184	0.9474	0.9895	1.045	1.113	
1057	C₂H₆O (1)		ethanol							64-17-5
	C₇H₈O (2)		2-methyl-phenol							95-48-7
$T/^\circ\text{C} = 20.0$										24W1
x_2	0.0000	0.0578	0.1552	0.2293	0.2898	0.3571	0.4525	0.5617	0.8333	
η/η_{water}	1.14	1.36	1.65	1.95	2.18	2.51	3.14	4.20	6.48	
1058	C₂H₆O (1)		ethanol							64-17-5
	C₇H₈O (2)		3-methyl-phenol							108-39-4
$T/^\circ\text{C} = 0.0$										31P1

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	1.92	2.51	3.51	4.94	6.22	8.73	12.5	20.7	36.6
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	59.4	95.0							
$T / ^\circ\text{C} = 10.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	1.57	1.91	2.60	3.32	4.52	5.98	7.50	9.45	12.5
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	17.1	43.9							
$T / ^\circ\text{C} = 20.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	1.28	1.70	2.11	2.66	3.35	4.22	5.27	6.87	9.18
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	12.5	20.8							
$T / ^\circ\text{C} = 30.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	1.08	1.42	1.70	2.11	2.59	3.14	3.76	4.58	5.57
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	6.99	10.0							
$T / ^\circ\text{C} = 40.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	0.925	1.20	1.46	1.77	2.12	2.45	2.87	3.38	4.07
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	4.93	6.18							
$T / ^\circ\text{C} = 50.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	0.800	1.01	1.24	1.48	1.70	1.94	2.22	2.56	2.99
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	3.52	4.38							
$T / ^\circ\text{C} = 60.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	0.725	0.991	1.12	1.28	1.43	1.61	1.80	2.06	2.40
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	2.81	3.37							
$T / ^\circ\text{C} = 20.0$									24W1
x_2	0.0000	0.1534	0.2137	0.2793	0.3521	0.4329	0.5917	0.7299	
$\eta / \eta_{\text{water}}$	1.14	1.51	1.82	2.18	2.60	3.10	4.56	6.29	

1059**C₂H₆O (1)**
C₇H₈O (2)**ethanol**
4-methyl-phenol**64-17-5**
106-44-5

$T/^\circ\text{C} = 20.0$									24W1
x_2	0.0000	0.1538	0.2141	0.2801	0.3521	0.5208	0.6211	0.7299	
η/η_{water}	1.14	1.60	1.70	2.05	2.46	3.54	5.05	7.26	
1060	C₂H₆O (1)		ethanol						64-17-5
	C₇H₈O₂ (2)		2-methoxy-phenol						90-05-1
$T/^\circ\text{C} = 17.0$									25W1
x_1	0.33	0.50	0.60	0.66	0.71				
η/η_{water}	5.2	4.1	3.3	3.0	2.6				
1061	C₂H₆O (1)		ethanol						64-17-5
	C₇H₁₄O₂ (2)		acetic acid pentyl ester						628-63-7
$T/\text{K} = 298.15$									97E2
x_2	0.00000	0.02694	0.06937	0.11543	0.19121	0.26331	0.34142	0.42241	
$\eta/(\text{mPa s})$	1.086	1.046	1.065	1.052	1.030	1.010	0.989	0.968	
x_2	0.50343	0.58371	0.65244	0.73312	0.80245	0.88413	0.94478	1.00000	
$\eta/(\text{mPa s})$	0.946	0.926	0.909	0.894	0.883	0.871	0.869	0.865	
1062	C₂H₆O (1)		ethanol						64-17-5
	C₇H₁₆ (2)		heptane						142-82-5
$T/\text{K} = 298.15$									94P2
x_2	0.0000	0.0472	0.1004	0.1990	0.3003	0.3994	0.5070	0.5988	0.6751
$\eta/(\text{mPa s})$	1.0870	1.0018	0.9149	0.7776	0.6663	0.5825	0.5154	0.4742	0.4490
x_2	0.7394	0.8085	0.9003	1.0000					
$\eta/(\text{mPa s})$	0.4327	0.4191	0.4048	0.3912					
A table is given in the original source 94P2 for pressures up to 52 MPa.									94P2
$T/^\circ\text{C} = 25.0$									89K1
x_1	0.0000	0.1075	0.1999	0.3001	0.3932	0.5009	0.5079	0.6092	0.7009
$\eta/(\text{mPa s})$	0.387	0.394	0.408	0.433	0.465	0.517	0.521	0.584	0.653
x_1	0.8165	0.9000	1.0000						
$\eta/(\text{mPa s})$	0.766	0.883	1.083						
$x_1 = 0.3$									89B1
T/K	294.4	297.2	300.5	303.6					
$\eta/(\text{mPa s})$	0.466	0.448	0.430	0.412					
$x_1 = 0.5$									89B1
T/K	303.2	313.2	323.3	328.1	338.2				
$\eta/(\text{mPa s})$	0.489	0.425	0.375	0.355	0.320				

$x_1 = 0.8$									89B1
T/K	293.8	297.3	303.3	308.9	313.4				
$\eta/(mPa\ s)$	0.842	0.818	0.702	0.643	0.596				
$x_1 = 0.9$									89B1
T/K	293.2	298.2	300.8	306.2	308.2				
$\eta/(mPa\ s)$	0.996	0.902	0.858	0.784	0.756				
$x_2 = 0.0000$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta/(mPa\ s)$	6.412	4.796	3.659	2.781	2.232	1.773	1.469	1.216	
T/K	303.15	313.15	323.15	333.15	343.15	353.15			
$\eta/(mPa\ s)$	0.981	0.809	0.673	0.554	0.473	0.400			
$x_2 = 0.1031$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta/(mPa\ s)$	6.885	5.021	3.688	2.800	2.151	1.666	1.290	1.049	
T/K	303.15	313.15	323.15	333.15	343.15				
$\eta/(mPa\ s)$	0.863	0.719	0.606	0.513	0.441				
$x_2 = 0.2346$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta/(mPa\ s)$	6.401	4.672	3.232	2.352	1.689	1.312	1.012	0.837	
T/K	303.15	313.15	323.15	333.15	343.15				
$\eta/(mPa\ s)$	0.698	0.587	0.500	0.430	0.371				
$x_2 = 0.4083$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta/(mPa\ s)$	3.751	2.445	1.690	1.255	1.174	0.894	0.803	0.670	
T/K	303.15	313.15	323.15	333.15	343.15				
$\eta/(mPa\ s)$	0.566	0.483	0.417	0.363	0.318				
$x_2 = 0.6479$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta/(mPa\ s)$	1.732	1.372	1.211	0.958	0.781	0.670	0.551	0.491	
T/K	303.15	313.15	323.15	333.15	343.15				
$\eta/(mPa\ s)$	0.430	0.380	0.337	0.301	0.268				
$x_2 = 1.0000$									74S1
T/K	223.15	233.15	243.15	253.15	263.15	273.15	283.15	293.15	
$\eta/(mPa\ s)$	1.182	0.698	0.802	0.688	0.599	0.520	0.466	0.415	
T/K	303.15	313.15	323.15	333.15	343.15	353.15			
$\eta/(mPa\ s)$	0.374	0.338	0.308	0.281	0.259	0.238			
$x_1 = 0.3$									89B1
T/K	294.4	297.2	300.5	303.6					
$\nu/(mm^2/s)$	0.667	0.645	0.621	0.598					

$x_1 = 0.5$										89B1
T/K	303.2	313.2	323.3	328.1	338.2					
$\nu /(\text{mm}^2/\text{s})$	0.695	0.612	0.548	0.522	0.477					
$x_1 = 0.8$										89B1
T/K	293.8	297.3	303.3	308.9	313.4					
$\nu /(\text{mm}^2/\text{s})$	1.126	1.098	0.951	0.878	0.819					
$x_1 = 0.9$										89B1
T/K	293.2	298.2	300.8	306.2	308.2					
$\nu /(\text{mm}^2/\text{s})$	1.300	1.186	1.132	1.043	1.008					
1063	C₂H₆O (1)		ethanol							64-17-5
	C₈H₈ (2)		vinylbenzene							100-42-5
$T/K = 298.15$										99A3
x_2	0.0000	0.0997	0.1994	0.3013	0.3987	0.5004	0.6011	0.7001	0.7976	
$\eta /(\text{mPa s})$	1.084	1.010	0.932	0.849	0.798	0.764	0.747	0.737	0.731	
x_2	0.8989	1.0000								
$\eta /(\text{mPa s})$	0.720	0.709								
$T/K = 303.15$										99A3
x_2	0.0000	0.0997	0.1994	0.3013	0.3987	0.5004	0.6011	0.7001	0.7976	
$\eta /(\text{mPa s})$	0.986	0.930	0.861	0.777	0.735	0.711	0.701	0.693	0.688	
x_2	0.8989	1.0000								
$\eta /(\text{mPa s})$	0.679	0.662								
$T/K = 308.15$										99A3
x_2	0.0000	0.0997	0.1994	0.3013	0.3987	0.5004	0.6011	0.7001	0.7976	
$\eta /(\text{mPa s})$	0.898	0.848	0.786	0.711	0.681	0.661	0.652	0.545	0.640	
x_2	0.8989	1.0000								
$\eta /(\text{mPa s})$	0.634	0.623								
1064	C₂H₆O (1)		ethanol							64-17-5
	C₈H₁₀ (2)		1,2-dimethyl-benzene							95-47-6
$T/K = 303.15$										99P6
x_1	0.0000	0.1015	0.2012	0.3015	0.4032	0.5050	0.6012	0.7065	0.8025	
$\eta /(\text{mPa s})$	0.7380	0.7686	0.7987	0.8290	0.8597	0.8905	0.9195	0.9513	0.9803	
x_1	0.9055	1.0000								
$\eta /(\text{mPa s})$	1.0114	1.0400								
$T/K = 313.15$										99P6
x_1	0.0000	0.1015	0.2012	0.3015	0.4032	0.5050	0.6012	0.7065	0.8025	
$\eta /(\text{mPa s})$	0.6430	0.6499	0.6566	0.6635	0.6704	0.6773	0.6838	0.6910	0.6975	

x_1	0.9055	1.0000							
$\eta /(\text{mPa s})$	0.7045	0.7100							
$T/\text{K} = 323.15$									99P6
x_1	0.0000	0.1015	0.2012	0.3015	0.4032	0.5050	0.6012	0.7065	0.8025
$\eta /(\text{mPa s})$	0.5780	0.5716	0.5641	0.5572	0.5502	0.5431	0.5365	0.5293	0.5226
x_1	0.9055	1.0000							
$\eta /(\text{mPa s})$	0.5155	0.5090							
1065	C₂H₆O (1) C₈H₁₀ (2)		ethanol 1,3-dimethyl-benzene						64-17-5 108-38-3
$T/\text{K} = 303.15$									99P6
x_1	0.0000	0.2175	0.4123	0.5127	0.6005	0.7132	0.8080	0.9132	1.0000
$\eta /(\text{mPa s})$	0.5470	0.6540	0.7500	0.8000	0.8450	0.8980	0.9490	0.9880	1.0400
$T/\text{K} = 313.15$									99P6
x_1	0.0000	0.2175	0.4123	0.5127	0.6005	0.7132	0.8080	0.9132	1.0000
$\eta /(\text{mPa s})$	0.4780	0.5270	0.5740	0.5970	0.6280	0.6500	0.6650	0.6880	0.7110
$T/\text{K} = 323.15$									99P6
x_1	0.0000	0.2175	0.4123	0.5127	0.6005	0.7132	0.8080	0.9132	1.0000
$\eta /(\text{mPa s})$	0.4580	0.4700	0.4790	0.4840	0.4890	0.4940	0.4990	0.5040	0.5090
1066	C₂H₆O (1) C₈H₁₀ (2)		ethanol 1,4-dimethyl-benzene						64-17-5 106-42-3
$T/\text{K} = 303.15$									99P6
x_1	0.0000	0.1033	0.2969	0.4131	0.5135	0.6013	0.7139	1.0000	
$\eta /(\text{mPa s})$	0.5500	0.5990	0.6970	0.7560	0.8060	0.8480	0.9030	1.0400	
$T/\text{K} = 313.15$									99P6
x_1	0.0000	0.1033	0.2969	0.4131	0.5135	0.6013	0.7139	1.0000	
$\eta /(\text{mPa s})$	0.4780	0.5060	0.5560	0.5850	0.6000	0.6230	0.6500	0.7110	
$T/\text{K} = 323.15$									99P6
x_1	0.0000	0.1033	0.2969	0.4131	0.5135	0.6013	0.7139	1.0000	
$\eta /(\text{mPa s})$	0.4570	0.4640	0.4780	0.4860	0.4900	0.4920	0.4990	0.5090	
1067	C₂H₆O (1) C₈H₁₀O₂ (2)		ethanol 1,2-dimethoxy-benzene						64-17-5 91-16-7
$T/^\circ\text{C} = 17.0$									25W1
x_1	0.20	0.33	0.50	0.66	0.75				
$\eta / \eta_{\text{water}}$	2.5	2.0	1.7	1.4	1.3				

1068	C₂H₆O (1) C₈H₁₄O₃ (2)	ethanol 2-ethyl-3-oxo-butyrac acid ethyl ester							64-17-5 607-97-6
<i>T</i> /°C = 25.0									09D1
<i>x</i> ₂	0.0000	0.0544	0.2380	0.4124	0.7131	0.8786	1.0000		
<i>η</i> /(mPa s)	1.079	1.064	1.038	1.058	1.203	1.385	1.679		
1069	C₂H₆O (1) C₈H₁₆O₂ (2)	ethanol acetic acid hexyl ester							64-17-5 142-92-7
<i>T</i> /K = 298.15									97E2
<i>x</i> ₂	0.00000	0.06217	0.10428	0.17451	0.22360	0.28411	0.34005	0.41243	
<i>η</i> /(mPa s)	1.086	1.083	1.081	1.080	1.079	1.077	1.075	1.073	
<i>x</i> ₂	0.48832	0.56630	0.63356	0.71144	0.80343	0.87610	0.94412	1.00000	
<i>η</i> /(mPa s)	1.067	1.072	1.073	1.079	1.086	1.094	1.100	1.107	
1070	C₂H₆O (1) C₈H₁₈O (2)	ethanol octan-1-ol							64-17-5 111-87-5
<i>T</i> /K = 303.15									99A1
<i>x</i> ₁	0.0000	0.1301	0.2430	0.3339	0.5477	0.6979	0.8094	0.8948	0.9602
<i>η</i> /(mPa s)	6.4931	5.4708	4.6068	4.0015	2.9218	2.1685	1.6888	1.3623	1.1211
<i>x</i> ₁	1.0000								
<i>η</i> /(mPa s)	1.0090								
1071	C₂H₆O (1) C₉H₁₂ (2)	ethanol isopropylbenzene							64-17-5 98-82-8
<i>T</i> /K = 298.15									87R6
<i>x</i> ₂	0.0000	0.0663	0.1236	0.2015	0.2971	0.4052	0.5656	0.7293	1.0000
<i>η</i> /(mPa s)	1.117	1.036	0.982	0.926	0.878	0.836	0.796	0.764	0.731
<i>T</i> /K = 308.15									87R6
<i>x</i> ₂	0.0000	0.0663	0.1236	0.2015	0.2971	0.4052	0.5656	0.7293	1.0000
<i>η</i> /(mPa s)	0.935	0.897	0.860	0.810	0.753	0.700	0.653	0.640	0.636
1072	C₂H₆O (1) C₉H₁₂ (2)	ethanol 1,3,5-trimethyl-benzene							64-17-5 108-67-8
<i>T</i> /°C = 20.0									50T1
<i>x</i> ₁	0.00	0.20	0.40	0.60	0.80	1.00			
<i>η</i> /(mPa s)	0.721	0.718	0.764	0.854	0.983	1.181			
1073	C₂H₆O (1)	ethanol							64-17-5

	C₁₀H₇Cl (2)		1-chloro-naphthalene					90-13-1	
<i>T</i> /K = 298.15									98A6
<i>x</i> ₂	0.0000	0.0773	0.2002	0.3006	0.3989	0.5008	0.5979	0.7026	0.8011
<i>η</i> /(mPa s)	1.084	1.238	1.455	1.630	1.779	1.953	2.110	2.298	2.470
<i>x</i> ₂	0.9009	1.0000							
<i>η</i> /(mPa s)	2.655	3.020							
<i>T</i> /K = 303.15									98A6
<i>x</i> ₂	0.0000	0.0773	0.2002	0.3006	0.3989	0.5008	0.5979	0.7026	0.8011
<i>η</i> /(mPa s)	0.986	1.119	1.314	1.471	1.606	1.757	1.890	2.045	2.214
<i>x</i> ₂	0.9009	1.0000							
<i>η</i> /(mPa s)	2.389	2.707							
<i>T</i> /K = 308.15									98A6
<i>x</i> ₂	0.0000	0.0773	0.2002	0.3006	0.3989	0.5008	0.5979	0.7026	0.8011
<i>η</i> /(mPa s)	0.898	1.016	1.192	1.334	1.456	1.588	1.714	1.865	2.006
<i>x</i> ₂	0.9009	1.0000							
<i>η</i> /(mPa s)	2.158	2.437							
1074	C₂H₆O (1) C₁₀H₁₈O₃ (2)		ethanol 2,2-diethyl-3-oxo-butyric acid ethyl ester					64-17-5 1619-57-4	
<i>T</i> /°C = 25.0									09D1
<i>x</i> ₂	0.0000	0.1666	0.2074	0.2856	0.9178	1.0000			
<i>η</i> /(mPa s)	1.067	1.094	1.107	1.138	2.188	2.793			
1075	C₂H₆O (1) C₁₂H₂₇O₄P (2)		ethanol phosphoric acid tributyl ester					64-17-5 126-73-8	
<i>T</i> /K = 303.15									95D2
<i>x</i> ₂	0.000	0.023	0.051	0.084	0.125	0.177	0.244	0.334	0.463
<i>η</i> /(mPa s)	1.007	1.181	1.225	1.445	1.530	1.558	1.838	2.097	2.321
<i>x</i> ₂	0.659	1.000							
<i>η</i> /(mPa s)	2.524	2.820							
<i>T</i> /K = 303.15									94D2
<i>x</i> ₂	0.000	0.023	0.051	0.084	0.125	0.177	0.244	0.334	0.463
<i>η</i> /(mPa s)	1.007	1.181	1.225	1.445	1.530	1.558	1.838	2.097	2.321
<i>x</i> ₂	0.659	1.0000							
<i>η</i> /(mPa s)	2.823	2.967							
1076	C₂H₆O (1) C₁₅H₂₆O₆ (2)		ethanol 1,2,3-tris-(butyryloxy)-propane					64-17-5 60-01-5	

$T/K = 278.15$										94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.57	2.47	3.73	5.20	6.77	8.46	10.27	12.27	14.30	
x_2	0.9	1.0								
$\eta /(\text{mPa s})$	16.67	19.63								
$T/K = 283.15$										94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.43	2.19	3.24	4.44	5.71	7.07	8.50	10.05	11.65	
x_2	0.9	1.0								
$\eta /(\text{mPa s})$	13.45	15.62								
$T/K = 288.15$										94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.31	1.95	2.83	3.82	4.86	5.95	7.09	8.31	9.57	
x_2	0.9	1.0								
$\eta /(\text{mPa s})$	10.95	12.61								
$T/K = 293.15$										94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.20	1.75	2.49	3.32	4.18	5.09	6.01	7.02	8.03	
x_2	0.9	1.0								
$\eta /(\text{mPa s})$	9.15	10.35								
$T/K = 298.15$										94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.11	1.59	2.22	2.92	3.63	4.38	5.15	5.97	6.78	
x_2	0.9	1.0								
$\eta /(\text{mPa s})$	7.71	8.68								
$T/K = 303.15$										94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.03	1.44	1.98	2.58	3.19	3.81	4.48	5.14	5.82	
x_2	0.9	1.0								
$\eta /(\text{mPa s})$	6.58	7.38								
$T/K = 308.15$										94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	0.95	1.31	1.78	2.29	2.81	3.35	3.91	4.48	5.04	
x_2	0.9	1.0								
$\eta /(\text{mPa s})$	5.67	6.32								
$T/K = 313.15$										94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	0.89	1.21	1.61	2.06	2.51	2.97	3.43	3.92	4.40	
x_2	0.9	1.0								

η /(mPa s) 4.92 5.49

1077 **C₂H₆O (1)** **ethanol** **64-17-5**
C₁₈H₃₄O₂ (2) **cis-octadec-9-enoic acid** **112-79-8**

T /°C = 45.0 80E1

x_1 0.0000 0.0774 0.1092 0.1975 0.3248 0.4270 0.5156 0.5907 0.6903

ν /(mm²/s) 16.159 15.159 14.496 13.113 11.186 9.593 8.157 7.018 5.369

x_1 0.8139 0.9017 1.0000

ν /(mm²/s) 3.451 2.189 0.981

1078 **C₂H₆OS (1)** **dimethyl sulfoxide** **67-68-5**
C₂H₆O₂ (2) **ethane-1,2-diol** **107-21-1**

T /°C = 25.0 64H1

φ_1 0.00 0.20 0.40 0.60 0.80 1.00

η /(mPa s) 16.92 10.64 6.847 4.431 2.996 2.000

T /°C = 35.0 64H1

φ_1 0.00 0.20 0.40 0.60 0.80 1.00

η /(mPa s) 11.45 7.439 4.943 3.422 2.370 1.659

T /°C = 45.0 64H1

φ_1 0.00 0.20 0.40 0.60 0.80 1.00

η /(mPa s) 8.057 5.541 3.883 2.753 1.953 1.395

1079 **C₂H₆OS (1)** **dimethyl sulfoxide** **67-68-5**
C₃H₄O₃ (2) **1,3-dioxolan-2-one** **96-49-1**

T /°C = 40.0 71S3

w_1 0.0000 0.0645 0.1578 0.2612 0.3424 0.4394 0.5372 0.6476 0.7768

η /(mPa s) 1.930 1.862 1.786 1.709 1.656 1.611 1.571 1.538 1.515

w_1 0.8648 0.9698 1.0000

η /(mPa s) 1.510 1.511 1.513

1080 **C₂H₆OS (1)** **dimethyl sulfoxide** **67-68-5**
C₃H₅N (2) **propionitrile** **107-12-0**

T /K = 298.15 95O2

x_2 0.0000 0.1009 0.2020 0.3031 0.4043 0.4990 0.6002 0.7153 0.7980

η /(mPa s) 1.8034 1.5473 1.3222 1.1205 0.9436 0.8012 0.6745 0.5619 0.4937

x_2 0.8994 1.0000

η /(mPa s) 0.4328 0.3886

1081	C₂H₆OS (1)		dimethyl sulfoxide					67-68-5	
	C₃H₆O (2)		propan-2-one					67-64-1	
<i>T</i> /K = 298.15									95K1
<i>x</i> ₁	0.0000	0.1033	0.2068	0.3080	0.3584	0.4088	0.4591	0.5092	0.5591
<i>η</i> /(mPa s)	0.3052	0.3765	0.4580	0.5555	0.6118	0.6731	0.7406	0.8140	0.8914
<i>x</i> ₁	0.6088	0.7077	0.8058	0.9033	1.0000				
<i>η</i> /(mPa s)	0.9754	1.1678	1.4694	1.7206	2.0037				
1082	C₂H₆OS (1)		dimethyl sulfoxide					67-68-5	
	C₃H₇NO (2)		N,N-dimethyl-formamide					68-12-2	
<i>T</i> /°C = 25.0									95C2
<i>x</i> ₂	0.0000	0.1003	0.1998	0.2990	0.4010	0.4490	0.6002	0.7010	0.7990
<i>η</i> /(mPa s)	1.9960	1.7880	1.6085	1.4578	1.3260	1.2068	1.0996	1.0085	0.9239
<i>x</i> ₂	0.9001	1.0000							
<i>η</i> /(mPa s)	0.8571	0.8020							
<i>T</i> /°C = 35.0									95C2
<i>x</i> ₂	0.0000	0.1003	0.1998	0.2990	0.4010	0.4490	0.6002	0.7010	0.7990
<i>η</i> /(mPa s)	1.6450	1.4846	1.3521	1.2375	1.1330	1.0418	0.9548	0.8845	0.8132
<i>x</i> ₂	0.9001	1.0000							
<i>η</i> /(mPa s)	0.7567	0.7100							
<i>T</i> /°C = 45.0									95C2
<i>x</i> ₂	0.0000	0.1003	0.1998	0.2990	0.4010	0.4490	0.6002	0.7010	0.7990
<i>η</i> /(mPa s)	1.3850	1.2598	1.1489	1.0550	0.9700	0.8999	0.8298	0.7697	0.7163
<i>x</i> ₂	0.9001	1.0000							
<i>η</i> /(mPa s)	0.6699	0.6330							
<i>T</i> /K = 318.15									87M1
<i>x</i> ₂	0.0000	0.1590	0.3184	0.5210	0.6667	0.8614	1.0000		
<i>η</i> /(mPa s)	0.63484	0.70946	0.79479	0.91009	1.0322	1.2259	1.3658		
<i>T</i> /K = 298.15									87A3
<i>x</i> ₁	0.0000	0.1668	0.3195	0.5201	0.6689	0.8514	1.0000		
<i>η</i> /(mPa s)	0.805	0.924	1.036	1.242	1.474	1.785	2.024		
<i>T</i> /°C = 25.0									79I1
<i>x</i> ₂	0.0000	0.0929	0.1872	0.3805	0.4795	0.5801	0.7866	0.8923	1.0000
<i>η</i> /(mPa s)	1.98	1.78	1.61	1.37	1.24	1.11	0.99	0.89	0.80
<i>T</i> /°C = 25.0									79A1
<i>x</i> ₁	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
<i>η</i> /(mPa s)	0.795	0.860	0.931	1.006	1.087	1.186	1.300	1.435	1.587

x_1	0.9	1.0
$\eta /(\text{mPa s})$	1.764	1.975

1083	C₂H₆OS (1)	dimethyl sulfoxide	67-68-5
	C₃H₇NO (2)	N-methyl-acetamide	79-16-3

$T/^\circ\text{C} = 40.0$									71S3
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w_1	0.0000	0.0790	0.1869	0.2894	0.3959	0.4930	0.5899	0.6870	0.7764
$\eta /(\text{mPa s})$	3.012	2.725	2.420	2.198	2.010	1.888	1.780	1.696	1.626

w_1	0.8806	0.9740	1.0000
$\eta /(\text{mPa s})$	1.567	1.522	1.513

1084	C₂H₆OS (1)	dimethyl sulfoxide	67-68-5
	C₃H₈O (2)	propan-1-ol	71-23-8

$T/\text{K} = 298.15$									96N1
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x_1	0.0000	0.0789	0.1613	0.2478	0.3390	0.4303	0.5363	0.6421	0.7550
$\eta /(\text{mPa s})$	1.934	1.750	1.651	1.581	1.535	1.541	1.562	1.641	1.736

x_1	0.8737	1.0000
$\eta /(\text{mPa s})$	1.845	1.991

$T/\text{K} = 303.15$									96N1
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x_1	0.0000	0.0789	0.1613	0.2478	0.3390	0.4303	0.5363	0.6421	0.7550
$\eta /(\text{mPa s})$	1.731	1.630	1.540	1.452	1.399	1.389	1.436	1.495	1.570

x_1	0.8737	1.0000
$\eta /(\text{mPa s})$	1.676	1.788

$T/\text{K} = 298.15$									96K2
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x_2	0.0000	0.0504	0.1023	0.1511	0.2104	0.3052	0.3753	0.4575	0.5004
$\eta /(\text{mPa s})$	2.0100	1.8203	1.7729	1.7391	1.6932	1.6110	1.5525	1.5042	1.4836

x_2	0.5625	0.6551	0.7394	0.8149	0.8876	0.9652	1.0000
$\eta /(\text{mPa s})$	1.4621	1.4490	1.4581	1.5253	1.5874	1.6465	2.0040

1085	C₂H₆OS (1)	dimethyl sulfoxide	67-68-5
	C₃H₈O (2)	propan-2-ol	67-63-0

$T/\text{K} = 298.15$									96N1
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x_1	0.0000	0.0788	0.1608	0.2475	0.3389	0.4347	0.5347	0.6423	0.7546
$\eta /(\text{mPa s})$	2.049	1.742	1.589	1.473	1.475	1.451	1.501	1.597	1.679

x_1	0.8737	1.0000
$\eta /(\text{mPa s})$	1.828	1.991

$T/\text{K} = 303.15$									96N1
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x_1	0.0000	0.0788	0.1608	0.2475	0.3389	0.4347	0.5347	0.6423	0.7546
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η /(mPa s)	1.781	1.576	1.447	1.358	1.319	1.315	1.346	1.406	1.505
x_1	0.8737	1.0000							
η /(mPa s)	1.622	1.788							
T /°C = 25.0									89R8
x_1	0.0000	0.0385	0.0787	0.2059	0.2479	0.3390	0.4639	0.5357	0.6422
η /(mPa s)	2.07	1.91	1.77	1.51	1.45	1.42	1.45	1.48	1.55
x_1	0.7547	0.8134	0.8738	0.9360	1.0000				
η /(mPa s)	1.66	1.72	1.80	1.88	1.98				
T /°C = 30.0									89R8
x_1	0.0000	0.0385	0.0787	0.2059	0.2479	0.3390	0.4639	0.5357	0.6422
η /(mPa s)	1.74	1.59	1.49	1.34	1.32	1.29	1.32	1.35	1.42
x_1	0.7547	0.8134	0.8738	0.9360	1.0000				
η /(mPa s)	1.51	1.57	1.64	1.72	1.79				
T /°C = 35.0									89R8
x_1	0.0000	0.0385	0.0787	0.2059	0.2479	0.3390	0.4639	0.5357	0.6422
η /(mPa s)	1.55	1.46	1.36	1.22	1.20	1.18	1.21	1.24	1.32
x_1	0.7547	0.8134	0.8738	0.9360	1.0000				
η /(mPa s)	1.39	1.45	1.50	1.55	1.59				
1086	C₂H₆OS (1) C₃H₈O₂ (2)		dimethyl sulfoxide 2-methoxy-ethanol						67-68-5 109-86-4
T /°C = 25.0									64H1
φ_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	1.515	1.641	1.733	1.809	1.884	2.000			
T /°C = 35.0									64H1
φ_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	1.251	1.358	1.439	1.507	1.567	1.659			
T /°C = 45.0									64H1
φ_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	1.045	1.143	1.211	1.269	1.318	1.395			
1087	C₂H₆OS (1) C₃H₈O₃ (2)		dimethyl sulfoxide propane-1,2,3-triol						67-68-5 56-81-5
T /°C = 25.0									64H1
φ_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	945.0	253.5	68.08	19.05	5.754	2.000			
T /°C = 35.0									64H1
φ_1	0.00	0.20	0.40	0.60	0.80	1.00			

η /(mPa s)	410.0	127.1	39.45	12.47	4.217	1.659			
T / °C = 45.0									64H1
φ_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	215.0	71.78	24.15	8.590	3.258	1.395			
1088	C₂H₆OS (1)		dimethyl sulfoxide						67-68-5
	C₄H₆O₃ (2)		4-methyl-1,3-dioxolan-2-one						108-32-7
T / °C = 25.0									73C2
x_1	0.0	0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7
η /(mPa s)	2.5024	2.4437	2.3814	2.2739	2.1988	2.1197	2.0953	2.0206	1.9869
x_1	0.8	0.9	1.0						
η /(mPa s)	1.9647	1.9734	1.9829						
1089	C₂H₆OS (1)		dimethyl sulfoxide						67-68-5
	C₄H₇NO₂ (2)		3-methyl-oxazolidin-2-one						19836-78-3
T / °C = 25.0									79J2
x_2	0.0000	0.0465	0.0841	0.1676	0.2419	0.3415	0.4275	0.5401	0.6395
η /(mPa s)	1.991	2.004	2.012	2.037	2.060	2.090	2.126	2.171	2.218
x_2	0.7524	0.8785	0.9514	1.0000					
η /(mPa s)	2.280	2.359	2.415	2.450					
T / °C = 35.0									79J2
x_2	0.0000	0.0465	0.0841	0.1676	0.2419	0.3415	0.4275	0.5401	0.6395
η /(mPa s)	1.648	1.663	1.673	1.698	1.720	1.751	1.782	1.826	1.872
x_2	0.7524	0.8785	0.9514	1.0000					
η /(mPa s)	1.923	1.990	2.038	2.067					
T / °C = 45.0									79J2
x_2	0.0000	0.0465	0.0841	0.1676	0.2419	0.3415	0.4275	0.5401	0.6395
η /(mPa s)	1.391	1.404	1.413	1.437	1.459	1.490	1.518	1.558	1.603
x_2	0.7524	0.8785	0.9514	1.0000					
η /(mPa s)	1.645	1.703	1.744	1.770					
T / °C = 55.0									79J2
x_2	0.0000	0.0465	0.0841	0.1676	0.2419	0.3415	0.4275	0.5401	0.6395
η /(mPa s)	1.194	1.204	1.212	1.236	1.256	1.286	1.311	1.349	1.387
x_2	0.7524	0.8785	0.9514	1.0000					
η /(mPa s)	1.426	1.478	1.513	1.536					
T / °C = 65.0									79J2
x_2	0.0000	0.0465	0.0841	0.1676	0.2419	0.3415	0.4275	0.5401	0.6395
η /(mPa s)	1.039	1.048	1.055	1.077	1.097	1.124	1.148	1.182	1.215
x_2	0.7524	0.8785	0.9514	1.0000					

η /(mPa s)	1.252	1.298	1.329	1.349					
$T/^\circ\text{C} = 75.0$									79J2
x_2	0.0000	0.0465	0.0841	0.1676	0.2419	0.3415	0.4275	0.5401	0.6395
η /(mPa s)	0.915	0.925	0.931	0.951	0.969	0.995	1.017	1.048	1.077
x_2	0.7524	0.8785	0.9514	1.0000					
η /(mPa s)	1.111	1.153	1.180	1.197					

1090	C₂H₆OS (1) C₄H₈O (2)	dimethyl sulfoxide butan-2-one							67-68-5 78-93-3
$T/^\circ\text{C} = 25.0$									86G2
x_2	0.000	0.054	0.107	0.213	0.317	0.419	0.520	0.619	0.716
η /(mPa s)	1.926	1.762	1.615	1.372	1.162	0.988	0.835	0.717	0.627
x_2	0.812	0.907	0.954	1.000					
η /(mPa s)	0.540	0.462	0.438	0.407					
$T/^\circ\text{C} = 35.0$									86G2
x_2	0.000	0.054	0.107	0.213	0.317	0.419	0.520	0.619	0.716
η /(mPa s)	1.604	1.448	1.335	1.138	0.979	0.830	0.712	0.621	0.547
x_2	0.812	0.907	0.954	1.000					
η /(mPa s)	0.473	0.407	0.379	0.363					
$T/^\circ\text{C} = 45.0$									86G2
x_2	0.000	0.054	0.107	0.213	0.317	0.419	0.520	0.619	0.716
η /(mPa s)	1.325	1.230	1.142	0.982	0.852	0.734	0.639	0.561	0.496
x_2	0.812	0.907	0.954	1.000					
η /(mPa s)	0.436	0.383	0.361	0.343					
$T/^\circ\text{C} = 55.0$									86G2
x_2	0.000	0.054	0.107	0.213	0.317	0.419	0.520	0.619	0.716
η /(mPa s)	1.138	1.050	0.978	0.854	0.749	0.655	0.574	0.507	0.446
x_2	0.812	0.907	0.954	1.000					
η /(mPa s)	0.398	0.353	0.330	0.315					

1091	C₂H₆OS (1) C₄H₈O₂ (2)	dimethyl sulfoxide 1,4-dioxane							67-68-5 123-91-1
$T/^\circ\text{C} = 20.0$									93L1
x_2	0.0000	0.1105	0.2170	0.3187	0.4186	0.5135	0.6061	0.6943	0.7829
η /(mPa s)	1.3125	1.3669	1.4386	1.5061	1.6016	1.7427	1.8386	1.8913	1.9554
x_2	0.8652	1.0000							
η /(mPa s)	2.0992	2.2255							
$T/^\circ\text{C} = 30.0$									93L1
x_2	0.0000	0.1105	0.2170	0.3187	0.4186	0.5135	0.6061	0.6943	0.7829

η /(mPa s)	1.1127	1.1580	1.1835	1.2448	1.2915	1.3597	1.4462	1.5046	1.5956
x_2	0.8652	1.0000							
η /(mPa s)	1.6878	1.8080							
$T/^\circ\text{C} = 40.0$									93L1
x_2	0.0000	0.1105	0.2170	0.3187	0.4186	0.5135	0.6061	0.6943	0.7829
η /(mPa s)	0.9603	0.9825	1.0222	1.0561	1.1150	1.2041	1.2359	1.2862	1.3675
x_2	0.8652	1.0000							
η /(mPa s)	1.5123	1.5553							
$T/^\circ\text{C} = 25.0$									91S2
x_1	0.45	0.60	0.75	0.90	1.00				
η /(mPa s)	1.468	1.577	1.752	1.861	2.004				
$T/^\circ\text{C} = 25.0$									85S4
x_1	0.45	0.60	0.75	0.90	1.00				
η /(mPa s)	1.468	1.577	1.752	1.861	2.004				
$T/^\circ\text{C} = 25.0$									79A1
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	1.267	1.306	1.349	1.399	1.449	1.506	1.576	1.658	1.755
x_1	0.9	1.0							
η /(mPa s)	1.868	1.975							
$T/^\circ\text{C} = 30.0$									78G1
x_2	0.2	0.3	0.4	0.5	0.6	0.7	0.8		
η^E /(mPa s)	-0.111	-0.149	-0.162	-0.169	-0.151	-0.132	-0.103		
$T/^\circ\text{C} = 40.0$									78G1
x_2	0.2	0.3	0.4	0.5	0.6	0.7	0.8		
η^E /(mPa s)	-0.099	-0.096	-0.100	-0.116	-0.111	-0.090	-0.068		
1092	C₂H₆OS (1)		dimethyl sulfoxide						67-68-5
	C₄H₁₀O (2)		butan-1-ol						71-36-3
$T/\text{K} = 298.15$									96N1
x_1	0.0000	0.0944	0.1920	0.2893	0.3876	0.4688	0.5874	0.6887	0.7915
η /(mPa s)	2.568	2.225	2.017	1.880	1.780	1.773	1.770	1.796	1.859
x_1	0.8839	1.0000							
η /(mPa s)	1.905	1.990							
$T/\text{K} = 303.15$									96N1
x_1	0.0000	0.0944	0.1920	0.2893	0.3876	0.4688	0.5874	0.6887	0.7915
η /(mPa s)	2.262	1.970	1.848	1.671	1.604	1.590	1.599	1.625	1.668
x_1	0.8839	1.0000							
η /(mPa s)	1.723	1.788							

1093	C₂H₆OS (1) C₄H₁₀O (2)	dimethyl sulfoxide 2-methyl-propan-1-ol							67-68-5 78-83-1
<i>T</i> /K = 298.15									96N1
<i>x</i> ₁	0.0000	0.0944	0.1917	0.2890	0.3884	0.4863	0.5874	0.6887	0.7913
<i>η</i> /(mPa s)	3.333	2.785	2.366	2.056	1.934	1.879	1.853	1.858	1.891
<i>x</i> ₁	0.8951	1.0000							
<i>η</i> /(mPa s)	1.918	1.990							
<i>T</i> /K = 303.15									96N1
<i>x</i> ₁	0.0000	0.0944	0.1917	0.2890	0.3884	0.4863	0.5874	0.6887	0.7913
<i>η</i> /(mPa s)	2.881	2.424	2.071	1.847	1.754	1.703	1.592	1.686	1.693
<i>x</i> ₁	0.8951	1.0000							
<i>η</i> /(mPa s)	1.733	1.788							
1094	C₂H₆OS (1) C₄H₁₀O (2)	dimethyl sulfoxide 2-methyl-propan-2-ol							67-68-5 75-65-0
<i>T</i> /K = 298.15									96N1
<i>x</i> ₁	0.0000	0.0950	0.1916	0.2890	0.3874	0.5132	0.5873	0.6888	0.7916
<i>η</i> /(mPa s)	4.439	3.564	2.968	2.530	2.269	2.070	2.005	1.917	1.902
<i>x</i> ₁	0.8951	1.0000							
<i>η</i> /(mPa s)	1.971	1.990							
<i>T</i> /K = 303.15									96N1
<i>x</i> ₁	0.0000	0.0950	0.1916	0.2890	0.3874	0.5132	0.5873	0.6888	0.7916
<i>η</i> /(mPa s)	3.378	2.644	2.111	1.808	1.608	1.479	1.459	1.531	1.568
<i>x</i> ₁	0.8951	1.0000							
<i>η</i> /(mPa s)	1.719	1.788							
1095	C₂H₆OS (1) C₅H₅N (2)	dimethyl sulfoxide pyridine							67-68-5 110-86-1
<i>T</i> /°C = 25.0									86G2
<i>x</i> ₂	0.000	0.041	0.089	0.180	0.274	0.369	0.468	0.569	0.673
<i>η</i> /(mPa s)	1.944	1.859	1.803	1.600	1.488	1.380	1.280	1.185	1.097
<i>x</i> ₂	0.779	0.888	0.943	1.000					
<i>η</i> /(mPa s)	1.029	0.969	0.975	0.903					
<i>T</i> /°C = 35.0									86G2
<i>x</i> ₂	0.000	0.041	0.089	0.180	0.274	0.369	0.468	0.569	0.673
<i>η</i> /(mPa s)	1.601	1.535	1.470	1.318	1.200	1.130	1.044	0.984	0.913
<i>x</i> ₂	0.779	0.888	0.943	1.000					

η /(mPa s)	0.849	0.791	0.760	0.750					
$T/^\circ\text{C} = 45.0$									86G2
x_2	0.000	0.041	0.089	0.180	0.274	0.369	0.468	0.569	0.673
η /(mPa s)	1.310	1.246	1.191	1.098	1.042	0.972	0.922	0.858	0.795
x_2	0.779	0.888	0.943	1.000					
η /(mPa s)	0.753	0.723	0.715	0.675					
$T/^\circ\text{C} = 55.0$									86G2
x_2	0.000	0.041	0.089	0.180	0.274	0.369	0.468	0.569	0.673
η /(mPa s)	1.140	1.107	1.053	0.969	0.891	0.853	0.797	0.758	0.706
x_2	0.779	0.888	0.943	1.000					
η /(mPa s)	0.663	0.625	0.606	0.596					
1096	C₂H₆OS (1) C₅H₈O₂ (2)		dimethyl sulfoxide pentane-2,4-dione						67-68-5 123-54-6
$T/\text{K} = 303.15$									96T1
x_1	0.0000	0.1118	0.2207	0.3269	0.4303	0.5312	0.6296	0.7256	1.0000
η /(mPa s)	0.7020	0.8190	0.9187	1.0325	1.1172	1.2091	1.3021	1.4271	1.8542
1097	C₂H₆OS (1) C₅H₉NO (2)		dimethyl sulfoxide 1-methyl-pyrrolidin-2-one						67-68-5 872-50-4
$T/^\circ\text{C} = 20.0$									67V2
w_2	0.00000	0.07870	0.23789	0.31982	0.44523	0.52324	0.62121	0.73854	
η /(mPa s)	2.21	2.18	2.12	2.09	2.05	2.02	1.98	1.93	
w_2	0.87075	1.00000							
η /(mPa s)	1.86	1.83							
$T/^\circ\text{C} = 30.0$									67V2
w_2	0.00000	0.07870	0.23789	0.31982	0.44523	0.52324	0.62121	0.73854	
η /(mPa s)	1.81	1.79	1.75	1.73	1.70	1.69	1.66	1.62	
w_2	0.87075	1.00000							
η /(mPa s)	1.58	1.54							
$T/^\circ\text{C} = 40.0$									67V2
w_2	0.00000	0.07870	0.23789	0.31982	0.44523	0.52324	0.62121	0.73854	
η /(mPa s)	1.51	1.49	1.47	1.46	1.45	1.43	1.40	1.38	
w_2	0.87075	1.00000							
η /(mPa s)	1.36	1.33							
1098	C₂H₆OS (1) C₆F₆ (2)		dimethyl sulfoxide hexafluorobenzene						67-68-5 392-56-3

$T/^\circ\text{C} = 20.0$									72N3
x_2	0.0000	0.1000	0.1994	0.3000	0.4001	0.4999	0.6000	0.7001	0.7971
$\eta/(\text{mPa s})$	2.184	1.974	1.806	1.661	1.509	1.365	1.246	1.143	1.058
x_2	0.8997	1.0000							
$\eta/(\text{mPa s})$	0.991	0.951							
$T/^\circ\text{C} = 30.0$									72N3
x_2	0.0000	0.1000	0.1994	0.3000	0.4001	0.4999	0.6000	0.7001	0.7971
$\eta/(\text{mPa s})$	1.810	1.641	1.513	1.386	1.267	1.144	1.050	0.961	0.891
x_2	0.8997	1.0000							
$\eta/(\text{mPa s})$	0.833	0.793							
$T/^\circ\text{C} = 40.0$									72N3
x_2	0.0000	0.1000	0.1994	0.3000	0.4001	0.4999	0.6000	0.7001	0.7971
$\eta/(\text{mPa s})$	1.516	1.385	1.276	1.171	1.071	0.976	0.904	0.822	0.758
x_2	0.8997	1.0000							
$\eta/(\text{mPa s})$	0.703	0.664							
$T/^\circ\text{C} = 50.0$									72N3
x_2	0.0000	0.1000	0.1994	0.3000	0.4001	0.4999	0.6000	0.7001	0.7971
$\eta/(\text{mPa s})$	1.270	1.167	1.077	0.993	0.918	0.839	0.775	0.713	0.659
x_2	0.8997	1.0000							
$\eta/(\text{mPa s})$	0.620	0.591							

1099	$\text{C}_2\text{H}_6\text{OS}$ (1)	$\text{C}_6\text{H}_5\text{Cl}$ (2)	dimethyl sulfoxide chlorobenzene						67-68-5	108-90-7
$T/^\circ\text{C} = 25.0$									86G2	
x_2	0.000	0.035	0.072	0.148	0.230	0.317	0.411	0.511	0.619	
$\eta/(\text{mPa s})$	1.959	1.865	1.803	1.682	1.564	1.421	1.299	1.193	1.085	
x_2	0.736	0.863	0.936	1.000						
$\eta/(\text{mPa s})$	0.966	0.866	0.826	0.757						
$T/^\circ\text{C} = 35.0$									86G2	
x_2	0.000	0.035	0.072	0.148	0.230	0.317	0.411	0.511	0.619	
$\eta/(\text{mPa s})$	1.605	1.559	1.474	1.390	1.290	1.170	1.077	0.986	0.929	
x_2	0.736	0.863	0.936	1.000						
$\eta/(\text{mPa s})$	0.823	0.733	0.704	0.666						
$T/^\circ\text{C} = 45.0$									86G2	
x_2	0.000	0.035	0.072	0.148	0.230	0.317	0.411	0.511	0.619	
$\eta/(\text{mPa s})$	1.310	1.273	1.224	1.142	1.098	1.021	0.927	0.865	0.833	
x_2	0.736	0.863	0.936	1.000						
$\eta/(\text{mPa s})$	0.742	0.668	0.643	0.615						
$T/^\circ\text{C} = 55.0$									86G2	

x_2	0.000	0.035	0.072	0.148	0.230	0.317	0.411	0.511	0.619
$\eta/(\text{mPa s})$	1.143	1.083	1.036	0.980	0.915	0.865	0.808	0.755	0.712
x_2	0.736	0.863	0.936	1.000					
$\eta/(\text{mPa s})$	0.632	0.600	0.580	0.556					
$T/^\circ\text{C} = 30.0$									78G1
x_2	0.2	0.3	0.4	0.5	0.6	0.7	0.8		
$\eta^E/(\text{mPa s})$	-0.105	-0.138	-0.154	-0.172	-0.188	-0.151	-0.127		
$T/^\circ\text{C} = 40.0$									78G1
x_2	0.2	0.3	0.4	0.5	0.6	0.7	0.8		
$\eta^E/(\text{mPa s})$	-0.074	-0.099	-0.113	-0.118	-0.122	-0.107	-0.085		
$T/^\circ\text{C} = 25.0$									62L2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.755	0.826	0.905	0.993	1.094	1.206	1.329	1.466	1.616
x_1	0.90	1.00							
$\eta/(\text{mPa s})$	1.784	2.000							
$T/^\circ\text{C} = 35.0$									62L2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.673	0.738	0.807	0.880	0.958	1.043	1.136	1.239	1.361
x_1	0.90	1.00							
$\eta/(\text{mPa s})$	1.500	1.659							
$T/^\circ\text{C} = 45.0$									62L2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.607	0.656	0.709	0.769	0.832	0.902	0.981	1.068	1.165
x_1	0.90	1.00							
$\eta/(\text{mPa s})$	1.274	1.395							
1100	C₂H₆OS (1) C₆H₅ClO (2)		dimethyl sulfoxide 2-chloro-phenol						67-68-5 95-57-8
$T/^\circ\text{C} = 30.0$									96B1
x_2	0.000	0.072	0.149	0.230	0.318	0.411	0.511	0.620	0.763
$\eta/(\text{mPa s})$	1.780	2.146	2.616	3.225	4.056	5.249	6.792	7.806	7.560
x_2	0.863	1.000							
$\eta/(\text{mPa s})$	5.242	2.934							
1101	C₂H₆OS (1) C₆H₅NO₂ (2)		dimethyl sulfoxide nitrobenzene						67-68-5 98-95-3
$T/^\circ\text{C} = 25.0$									79A1
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8

η /(mPa s)	1.818	1.839	1.867	1.891	1.915	1.938	1.954	1.966	1.974
x_1	0.9	1.0							
η /(mPa s)	1.977	1.975							
$T/^\circ\text{C} = 30.0$									78G1
x_2	0.2	0.3	0.4	0.5	0.6	0.7	0.8		
η^E /(mPa s)	0.002	0.002	0.004	0.000	0.004	0.003	0.002		
$T/^\circ\text{C} = 40.0$									78G1
x_2	0.2	0.3	0.4	0.5	0.6	0.7	0.8		
η^E /(mPa s)	-0.001	0.000	-0.001	-0.003	0.000	0.000	-0.001		
$T/^\circ\text{C} = 25.0$									62L2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.825	1.851	1.877	1.903	1.927	1.946	1.962	1.975	1.985
x_1	0.90	1.00							
η /(mPa s)	1.993	2.000							
$T/^\circ\text{C} = 35.0$									62L2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.553	1.569	1.586	1.605	1.623	1.639	1.653	1.662	1.665
x_1	0.90	1.00							
η /(mPa s)	1.664	1.659							
$T/^\circ\text{C} = 45.0$									62L2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	1.318	1.333	1.349	1.353	1.377	1.388	1.396	1.402	1.403
x_1	0.90	1.00							
η /(mPa s)	1.400	1.395							

1102	C₂H₆OS (1)	dimethyl sulfoxide								67-68-5
	C₆H₆ (2)	benzene								71-43-2
$T/\text{K} = 303.15$									95T1	
x_1	0.1229	0.2397	0.3508	0.4567	0.5577	0.6542	0.7464	0.8345		
η /(mPa s)	0.639	0.717	0.777	0.935	1.019	1.139	1.261	1.398		
$T/\text{K} = 298.15$									92A4	
x_1	0.0000	0.1043	0.2048	0.3059	0.4069	0.5105	0.6085	0.7063	0.8049	
η /(mPa s)	0.602	0.669	0.743	0.829	0.923	1.036	1.169	1.317	1.492	
x_1	0.9029	1.0000								
η /(mPa s)	1.712	1.975								
$T/\text{K} = 303.15$									92A4	
x_1	0.0000	0.1043	0.2048	0.3059	0.4069	0.5105	0.6085	0.7063	0.8049	
η /(mPa s)	0.561	0.662	0.690	0.766	0.853	0.955	1.071	1.207	1.367	

x_1	0.9029	1.0000							
$\eta /(\text{mPa s})$	1.562	1.788							
$T/\text{K} = 308.15$									92A4
x_1	0.0000	0.1043	0.2048	0.3059	0.4069	0.5105	0.6085	0.7063	0.8049
$\eta /(\text{mPa s})$	0.525	0.581	0.643	0.714	0.796	0.884	0.990	1.111	1.258
x_1	0.9029	1.0000							
$\eta /(\text{mPa s})$	1.426	1.630							
$T/^\circ\text{C} = 25.0$									79A1
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	0.596	0.655	0.741	0.829	0.927	1.035	1.155	1.307	1.484
x_1	0.9	1.0							
$\eta /(\text{mPa s})$	1.700	1.975							
$T/^\circ\text{C} = 30.0$									78G1
x_2	0.2	0.3	0.4	0.5	0.6	0.7	0.8		
$\eta^E /(\text{mPa s})$	-0.161	-0.207	-0.218	-0.232	-0.217	-0.175	-0.128		
$T/^\circ\text{C} = 40.0$									78G1
x_2	0.2	0.3	0.4	0.5	0.6	0.7	0.8		
$\eta^E /(\text{mPa s})$	-0.110	-0.147	-0.182	-0.165	-0.149	-0.124	-0.089		
1103	C₂H₆OS (1) C₆H₆O (2)		dimethyl sulfoxide phenol						67-68-5 108-95-2
$T/^\circ\text{C} = 25.0$									62L2
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	2.000	2.308	2.726	3.282	4.111	5.173	6.467	7.767	8.913
$T/^\circ\text{C} = 35.0$									62L2
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.659	1.902	2.192	2.579	3.127	3.826	4.618	5.328	5.870
$T/^\circ\text{C} = 45.0$									62L2
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.395	1.557	1.794	2.090	2.489	2.977	3.486	3.888	4.150
1104	C₂H₆OS (1) C₆H₇N (2)		dimethyl sulfoxide aniline						67-68-5 62-53-3
$T/^\circ\text{C} = 25.0$									62L2
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	2.000	2.313	2.664	3.055	3.445	3.756	3.938	3.990	3.940
x_2	0.90	1.00							
$\eta /(\text{mPa s})$	3.830	3.708							

$T/^\circ\text{C} = 35.0$

62L2

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	1.659	1.886	2.134	2.394	2.644	2.839	2.958	2.980	2.925
x_2	0.90	1.00							
$\eta/(\text{mPa s})$	2.841	2.745							

 $T/^\circ\text{C} = 45.0$

62L2

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	1.395	1.526	1.746	1.938	2.106	2.232	2.294	2.310	2.260
x_2	0.90	1.00							
$\eta/(\text{mPa s})$	2.194	2.113							

1105 **C₂H₆OS (1)** **dimethyl sulfoxide** **67-68-5**
 C₆H₈N₂ (2) **hexanedinitrile** **111-69-3**

 $T/\text{K} = 298.15$

95O2

x_2	0.0000	0.1031	0.2999	0.4015	0.5024	0.5947	0.6945	0.8441	1.0000
$\eta/(\text{mPa s})$	1.8034	2.0270	2.4887	2.7598	3.0605	3.3426	3.6819	4.2431	4.9049

1106 **C₂H₆OS (1)** **dimethyl sulfoxide** **67-68-5**
 C₆H₁₂O (2) **4-methyl-pentan-2-one** **108-10-1**

 $T/\text{K} = 303.15$

96T1

x_1	0.0000	0.1332	0.2570	0.3722	0.4798	0.5804	0.6748	0.7635	1.0000
$\eta/(\text{mPa s})$	0.5114	0.6376	0.7283	0.8149	0.9229	1.0420	1.1602	1.3060	1.8542

1107 **C₂H₆OS (1)** **dimethyl sulfoxide** **67-68-5**
 C₆H₁₄O (2) **hexan-1-ol** **111-27-3**

 $T/^\circ\text{C} = 40.0$

89D1

x_1	0.0000	0.1163	0.2030	0.4013	0.4964	0.5978	0.6873	0.7968	0.9124
$\eta/(\text{mPa s})$	2.903	2.459	2.239	1.891	1.793	1.719	1.666	1.593	1.574
x_1	1.0000								
$\eta/(\text{mPa s})$	1.532								

1108 **C₂H₆OS (1)** **dimethyl sulfoxide** **67-68-5**
 C₆H₁₅N (2) **triethylamine** **121-44-8**

 $T/\text{K} = 293.15$

79K1

x_2	0.0000	0.0038	0.0069	0.0080	0.0083	0.0161	0.0200	0.9750	0.9816
$\eta/(\text{mPa s})$	2.208	2.203	2.191	2.183	2.182	2.142	2.107	0.376	0.374
x_2	0.9828	0.9871	0.9892	0.9922	0.9939	0.9959	0.9960	1.0000	
$\eta/(\text{mPa s})$	0.375	0.375	0.376	0.373	0.375	0.373	0.373	0.370	

$T/K = 303.15$									79K1
x_2	0.0000	0.0038	0.0069	0.0080	0.0083	0.0161	0.0200	0.9750	0.9816
$\eta /(\text{mPa s})$	1.813	1.790	1.775	1.771	1.774	1.738	1.709	0.338	0.336
x_2	0.9828	0.9871	0.9892	0.9922	0.9939	0.9959	0.9960	1.0000	
$\eta /(\text{mPa s})$	0.336	0.337	0.338	0.335	0.337	0.335	0.335	0.333	
$T/K = 313.15$									79K1
x_2	0.0000	0.0038	0.0069	0.0080	0.0083	0.0161	0.0200	0.9750	0.9816
$\eta /(\text{mPa s})$	1.515	1.504	1.494	1.484	1.487	1.460	1.439	0.305	0.303
x_2	0.9828	0.9871	0.9892	0.9922	0.9939	0.9959	0.9960	1.0000	
$\eta /(\text{mPa s})$	0.303	0.304	0.303	0.302	0.304	0.302	0.302	0.300	
$T/K = 323.15$									79K1
x_2	0.0000	0.0038	0.0069	0.0080	0.0083	0.0161	0.0200	0.9750	0.9816
$\eta /(\text{mPa s})$	1.289	1.279	1.268	1.266	1.264	1.240	1.225	0.277	0.277
x_2	0.9828	0.9871	0.9892	0.9922	0.9939	0.9959	0.9960	1.0000	
$\eta /(\text{mPa s})$	0.276	0.276	0.278	0.276	0.277	0.277	0.275	0.275	

1109 **C₂H₆OS (1)** **dimethyl sulfoxide** **67-68-5**
C₇H₆O (2) **benzaldehyde** **100-52-7**

$T/^\circ\text{C} = 25.0$									62L2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.385	1.443	1.510	1.562	1.620	1.679	1.739	1.801	1.864
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.938	2.000							
$T/^\circ\text{C} = 35.0$									62L2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.178	1.220	1.266	1.314	1.362	1.411	1.461	1.501	1.560
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.609	1.659							
$T/^\circ\text{C} = 45.0$									62L2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.034	1.066	1.101	1.135	1.170	1.207	1.243	1.280	1.317
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.354	1.395							

1110 **C₂H₆OS (1)** **dimethyl sulfoxide** **67-68-5**
C₇H₈ (2) **toluene** **108-88-3**

$T/K = 298.15$									92A4
x_1	0.0000	0.1025	0.2029	0.3843	0.5040	0.6035	0.7049	0.7997	0.9017
$\eta /(\text{mPa s})$	0.552	0.609	0.671	0.383	0.964	1.095	1.250	1.430	1.686

x_1	1.0000								
$\eta /(\text{mPa s})$	1.975								
$T/\text{K} = 303.15$									92A4
x_1	0.0000	0.1025	0.2029	0.3843	0.5040	0.6035	0.7049	0.7997	0.9017
$\eta /(\text{mPa s})$	0.520	0.574	0.636	0.777	0.894	1.010	1.149	1.309	1.526
x_1	1.0000								
$\eta /(\text{mPa s})$	1.788								
$T/\text{K} = 308.15$									92A4
x_1	0.0000	0.1025	0.2029	0.3843	0.5040	0.6035	0.7049	0.7997	0.9017
$\eta /(\text{mPa s})$	0.493	0.540	0.598	0.727	0.833	0.963	1.062	1.204	1.398
x_1	1.0000								
$\eta /(\text{mPa s})$	1.630								
$T/^\circ\text{C} = 30.0$									78G1
x_2	0.2	0.3	0.4	0.5	0.6	0.7	0.8		
$\eta^E /(\text{mPa s})$	-0.073	-0.077	-0.093	-0.088	-0.071	-0.055	-0.039		
$T/^\circ\text{C} = 40.0$									78G1
x_2	0.2	0.3	0.4	0.5	0.6	0.7	0.8		
$\eta^E /(\text{mPa s})$	-0.105	-0.115	-0.112	-0.099	-0.095	-0.042	-0.019		
$T/\text{K} = 293.15$									76N1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.586	0.644	0.719	0.809	0.912	1.034	1.183	1.356	1.574
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.851	2.213							
$T/\text{K} = 303.15$									76N1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.520	0.568	0.630	0.704	0.788	0.888	0.997	1.144	1.317
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.534	1.813							
$T/\text{K} = 313.15$									76N1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.466	0.507	0.560	0.621	0.692	0.774	0.870	0.985	1.125
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.296	1.516							
$T/\text{K} = 323.15$									76N1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.421	0.458	0.502	0.555	0.615	0.683	0.764	0.858	0.973
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.111	1.289							
$T/^\circ\text{C} = 25.0$									62L2

x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.549	0.606	0.675	0.761	0.867	0.990	1.122	1.268	1.452
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.679	2.000							
$T / ^\circ\text{C} = 35.0$									62L2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.488	0.537	0.594	0.664	0.741	0.833	0.937	1.065	1.217
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.407	1.659							
$T / ^\circ\text{C} = 45.0$									62L2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.442	0.482	0.530	0.587	0.654	0.731	0.817	0.921	1.047
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.201	1.395							
$T / \text{K} = 303.15$									95T1
x_1	0.1243	0.2420	0.3537	0.4598	0.5607	0.6570	0.7485	0.8361	
$\eta /(\text{mPa s})$	0.593	0.857	1.022	1.422	1.759	2.160	1.428	1.590	
1111	C₂H₆OS (1)		dimethyl sulfoxide						67-68-5
	C₇H₈O (2)		methoxybenzene						100-66-3
$T / \text{K} = 298.15$									92A4
x_1	0.0000	0.1034	0.2030	0.3049	0.4058	0.5049	0.6063	0.7044	0.8039
$\eta /(\text{mPa s})$	0.990	1.049	1.113	1.184	1.259	1.342	1.443	1.544	1.666
x_1	0.9011	1.0000							
$\eta /(\text{mPa s})$	1.808	1.975							
$T / \text{K} = 303.15$									92A4
x_1	0.0000	0.1034	0.2030	0.3049	0.4058	0.5049	0.6063	0.7044	0.8039
$\eta /(\text{mPa s})$	0.916	0.968	1.024	1.104	1.155	1.229	1.320	1.408	1.517
x_1	0.9011	1.0000							
$\eta /(\text{mPa s})$	1.641	1.788							
$T / \text{K} = 308.15$									92A4
x_1	0.0000	0.1034	0.2030	0.3049	0.4058	0.5049	0.6063	0.7044	0.8039
$\eta /(\text{mPa s})$	0.853	0.899	0.949	1.008	1.068	1.133	1.214	1.292	1.388
x_1	0.9011	1.0000							
$\eta /(\text{mPa s})$	1.500	1.630							
1112	C₂H₆OS (1)		dimethyl sulfoxide						67-68-5
	C₇H₈O (2)		2-methyl-phenol						95-48-7

$T/^\circ\text{C} = 30.0$

96B1

x_2	0.000	0.071	0.147	0.228	0.314	0.407	0.508	0.616	0.733
$\eta/(\text{mPa s})$	1.780	2.029	2.338	2.716	3.351	4.176	5.298	6.301	7.248
x_2	0.861	1.000							
$\eta/(\text{mPa s})$	7.816	7.274							

1113 **C₂H₆OS (1)**
C₇H₈O (2)**dimethyl sulfoxide**
4-methyl-phenol**67-68-5**
106-44-5 $T/\text{K} = 303.15$

95U1

x_2	0.0000	0.0702	0.1453	0.2257	0.3119	0.4047	0.5050	0.5778	0.7312
$\eta/(\text{mPa s})$	1.7290	2.0360	2.3070	2.9130	3.4560	4.2770	5.0560	6.5240	7.9079
x_2	0.8595	1.0000							
$\eta/(\text{mPa s})$	9.4990	10.0700							

 $T/\text{K} = 308.15$

95U1

x_2	0.0000	0.0702	0.1453	0.2257	0.3119	0.4047	0.5050	0.5778	0.7312
$\eta/(\text{mPa s})$	1.5631	1.7920	2.0400	2.5650	3.0620	3.7090	4.3240	5.4030	6.5430
x_2	0.8595	1.0000							
$\eta/(\text{mPa s})$	7.6550	7.7410							

 $T/\text{K} = 313.15$

95U1

x_2	0.0000	0.0702	0.1453	0.2257	0.3119	0.4047	0.5050	0.5778	0.7312
$\eta/(\text{mPa s})$	1.4484	1.6040	1.8330	2.2930	2.6980	3.2400	3.7690	4.6490	5.7450
x_2	0.8595	1.0000							
$\eta/(\text{mPa s})$	6.0830	6.2160							

 $T/\text{K} = 318.15$

95U1

x_2	0.0000	0.0702	0.1453	0.2257	0.3119	0.4047	0.5050	0.5778	0.7312
$\eta/(\text{mPa s})$	1.3424	1.4760	1.6680	2.0540	2.4170	2.8570	3.3280	4.0100	4.9450
x_2	0.8595	1.0000							
$\eta/(\text{mPa s})$	5.1110	5.2920							

1114 **C₂H₆OS (1)**
C₇H₈O₂ (2)**dimethyl sulfoxide**
2-methoxy-phenol**67-68-5**
90-05-1 $T/^\circ\text{C} = 25.0$

62L2

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	2.00	2.66	3.59	4.97	6.91	9.46	11.90	12.40	10.62

 $T/^\circ\text{C} = 35.0$

62L2

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	1.66	2.12	2.83	3.67	4.81	6.23	7.38	7.54	6.47

 $T/^\circ\text{C} = 45.0$

62L2

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
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η /(mPa s)	1.40	1.75	2.20	2.80	3.59	4.40	4.98	5.01	4.35
1115	C₂H₆OS (1) C₇H₉N (2)		dimethyl sulfoxide N-methyl-aniline						67-68-5 100-61-8
T /°C = 30.0									89A1
x_2	0.0000	0.1010	0.2001	0.3007	0.3986	0.4987	0.6003	0.6987	0.8007
η /(mPa s)	1.803	1.844	1.861	1.939	2.046	2.030	2.106	2.120	2.057
x_2	0.9015	1.0000							
η /(mPa s)	1.911	1.751							
1116	C₂H₆OS (1) C₇H₁₆O (2)		dimethyl sulfoxide heptan-1-ol						67-68-5 111-70-6
T /°C = 40.0									89D1
x_1	0.0000	0.1239	0.2133	0.2979	0.4847	0.5993	0.7039	0.8016	0.9028
η /(mPa s)	3.550	3.068	2.750	2.528	2.188	1.998	1.839	1.743	1.621
x_1	1.0000								
η /(mPa s)	1.532								
1117	C₂H₆OS (1) C₈H₈ (2)		dimethyl sulfoxide vinylbenzene						67-68-5 100-42-5
T /K = 298.15									98A5
x_2	0.0000	0.1017	0.2022	0.3096	0.3987	0.5010	0.6007	0.6968	0.8010
η /(mPa s)	1.848	1.642	1.475	1.326	1.237	1.139	1.058	0.982	0.887
x_2	0.8960	1.0000							
η /(mPa s)	0.802	0.708							
T /K = 303.15									98A5
x_2	0.0000	0.1017	0.2022	0.3096	0.3987	0.5010	0.6007	0.6968	0.8010
η /(mPa s)	1.662	1.482	1.343	1.191	1.112	1.044	0.976	0.910	0.827
x_2	0.8960	1.0000							
η /(mPa s)	0.749	0.663							
T /K = 308.15									98A5
x_2	0.0000	0.1017	0.2022	0.3096	0.3987	0.5010	0.6007	0.6968	0.8010
η /(mPa s)	1.498	1.335	1.204	1.083	1.014	0.957	0.899	0.837	0.763
x_2	0.8960	1.0000							
η /(mPa s)	0.700	0.623							
1118	C₂H₆OS (1) C₈H₈O₂ (2)		dimethyl sulfoxide benzoic acid methyl ester						67-68-5 93-58-3

$T/K = 303.15$									97R1
x_2	0.0000	0.1946	0.2734	0.3608	0.4584	0.5683	0.6931	1.0000	
$\eta /(\text{mPa s})$	1.730	1.1775	1.752	1.751	1.751	1.723	1.682	1.583	
1119	C₂H₆OS (1) C₈H₈O₃ (2)	dimethyl sulfoxide 2-hydroxy-benzoic acid methyl ester						67-68-5 119-36-8	
$T/K = 303.15$									97R1
x_2	0.0000	0.1215	0.1918	0.2697	0.3567	0.5628	0.6882	0.8320	1.0000
$\eta /(\text{mPa s})$	1.730	1.932	2.130	2.186	2.283	2.356	2.380	2.403	2.440
1120	C₂H₆OS (1) C₈H₁₀ (2)	dimethyl sulfoxide 1,3-dimethyl-benzene						67-68-5 108-38-3	
$T/K = 298.15$									92A4
x_1	0.0000	0.1004	0.2027	0.3047	0.4044	0.5057	0.6045	0.7050	0.8030
$\eta /(\text{mPa s})$	0.580	0.631	0.700	0.782	0.877	0.990	1.116	1.269	1.450
x_1	0.9011	1.0000							
$\eta /(\text{mPa s})$	1.680	1.975							
$T/K = 303.15$									92A4
x_1	0.0000	0.1004	0.2027	0.3047	0.4044	0.5057	0.6045	0.7050	0.8030
$\eta /(\text{mPa s})$	0.548	0.593	0.657	0.730	0.815	0.914	1.026	1.168	1.325
x_1	0.9011	1.0000							
$\eta /(\text{mPa s})$	1.528	1.788							
$T/K = 308.15$									92A4
x_1	0.0000	0.1004	0.2027	0.3047	0.4044	0.5057	0.6045	0.7050	0.8030
$\eta /(\text{mPa s})$	0.519	0.561	0.617	0.684	0.760	0.850	0.952	1.076	1.219
x_1	0.9011	1.0000							
$\eta /(\text{mPa s})$	1.397	1.630							
1121	C₂H₆OS (1) C₈H₁₀ (2)	dimethyl sulfoxide 1,4-dimethyl-benzene						67-68-5 106-42-3	
$T/^\circ\text{C} = 20.0$									72N2
x_2	0.0000	0.1037	0.1991	0.3044	0.4100	0.4958	0.6000	0.6981	0.7933
$\eta /(\text{mPa s})$	2.184	1.840	1.586	1.372	1.200	1.082	0.955	0.857	0.771
x_2	0.9007	1.0000							
$\eta /(\text{mPa s})$	0.695	0.649							
$T/^\circ\text{C} = 30.0$									72N2
x_2	0.0000	0.1037	0.1991	0.3044	0.4100	0.4958	0.6000	0.6981	0.7933
$\eta /(\text{mPa s})$	1.810	1.557	1.339	1.167	1.027	0.993	0.828	0.744	0.676

x_2	0.9007	1.0000							
$\eta /(\text{mPa s})$	0.612	0.572							
$T / ^\circ\text{C} = 40.0$									72N2
x_2	0.0000	0.1037	0.1991	0.3044	0.4100	0.4958	0.6000	0.6981	0.7933
$\eta /(\text{mPa s})$	1.516	1.302	1.142	1.004	0.890	0.777	0.728	0.661	0.605
x_2	0.9007	1.0000							
$\eta /(\text{mPa s})$	0.551	0.512							
$T / ^\circ\text{C} = 50.0$									72N2
x_2	0.0000	0.1037	0.1991	0.3044	0.4100	0.4958	0.6000	0.6981	0.7933
$\eta /(\text{mPa s})$	1.270	1.100	0.971	0.861	0.768	0.705	0.636	0.582	0.555
x_2	0.9007	1.0000							
$\eta /(\text{mPa s})$	0.490	0.460							
1122	C₂H₆OS (1) C₈H₁₈O (2)		dimethyl sulfoxide octan-1-ol						67-68-5 111-87-5
$T / ^\circ\text{C} = 40.0$									89D1
x_1	0.0000	0.1243	0.2177	0.4192	0.5194	0.6221	0.7140	0.8145	0.9020
$\eta /(\text{mPa s})$	4.464	3.690	3.282	2.668	2.442	2.220	2.034	1.894	1.664
x_1	1.0000								
$\eta /(\text{mPa s})$	1.532								
1123	C₂H₆OS (1) C₉H₁₀O₃ (2)		dimethyl sulfoxide 2-hydroxy-benzoic acid ethyl ester						67-68-5 118-61-6
$T / \text{K} = 303.15$									97R1
x_2	0.0000	0.0499	0.1687	0.2404	0.3226	0.4179	0.5265	0.6564	1.0000
$\eta /(\text{mPa s})$	1.730	1.888	2.196	2.294	2.533	2.570	2.723	2.843	3.177
1124	C₂H₆OS (1) C₉H₁₂ (2)		dimethyl sulfoxide 1,3,5-trimethyl-benzene						67-68-5 108-67-8
$T / \text{K} = 298.15$									92A4
x_1	0.0000	0.0996	0.1961	0.3046	0.4024	0.5049	0.6057	0.7047	0.8055
$\eta /(\text{mPa s})$	0.656	0.699	0.772	0.865	1.018	1.168	1.280	1.367	1.508
x_1	0.9018	1.0000							
$\eta /(\text{mPa s})$	1.711	1.975							
$T / \text{K} = 303.15$									92A4
x_1	0.0000	0.0996	0.1961	0.3046	0.4024	0.5049	0.6057	0.7047	0.8055
$\eta /(\text{mPa s})$	0.616	0.654	0.718	0.799	0.901	1.029	1.136	1.241	1.372
x_1	0.9018	1.0000							
$\eta /(\text{mPa s})$	1.553	1.788							

$T/K = 308.15$									92A4
x_1	0.0000	0.0996	0.1961	0.3046	0.4024	0.5049	0.6057	0.7047	0.8055
$\eta /(\text{mPa s})$	0.581	0.616	0.674	0.747	0.831	0.935	1.036	1.135	1.266
x_1	0.9018	1.0000							
$\eta /(\text{mPa s})$	1.420	1.630							
$T/K = 293.15$									79N2
x_2	0.0000	0.0918	0.2112	0.2672	0.3643	0.4796	0.5669	0.6608	0.7564
$\eta /(\text{mPa s})$	2.202	1.926	1.646	1.549	1.425	1.279	1.119	0.977	0.874
x_2	0.8569	0.9461	1.0000						
$\eta /(\text{mPa s})$	0.782	0.729	0.698						
$T/K = 303.15$									79N2
x_2	0.0000	0.0918	0.2112	0.2672	0.3643	0.4796	0.5669	0.6608	0.7564
$\eta /(\text{mPa s})$	1.804	1.578	1.362	1.273	1.153	1.022	0.921	0.829	0.749
x_2	0.8569	0.9461	1.0000						
$\eta /(\text{mPa s})$	0.682	0.639	0.613						
$T/K = 313.15$									79N2
x_2	0.0000	0.0918	0.2112	0.2672	0.3643	0.4796	0.5669	0.6608	0.7564
$\eta /(\text{mPa s})$	1.522	1.332	1.152	1.083	0.984	0.873	0.797	0.723	0.661
x_2	0.8569	0.9461	1.0000						
$\eta /(\text{mPa s})$	0.605	0.569	0.552						
$T/K = 323.15$									79N2
x_2	0.0000	0.0918	0.2112	0.2672	0.3643	0.4796	0.5669	0.6608	0.7564
$\eta /(\text{mPa s})$	1.287	1.133	0.987	0.931	0.851	0.760	0.696	0.640	0.588
x_2	0.8569	0.9461	1.0000						
$\eta /(\text{mPa s})$	0.542	0.512	0.496						

1125 **C₂H₆OS (1)** **dimethyl sulfoxide** **67-68-5**
C₁₀H₂₂O (2) **decan-1-ol** **112-30-1**

$T/^\circ\text{C} = 40.0$ 89D1

x_1 0.0000 0.0732 0.2168 0.3082 0.3986 0.5096 0.5918 0.6951 0.8064
 $\eta /(\text{mPa s})$ 6.396 5.748 4.662 4.127 3.711 3.248 2.964 2.596 2.203

x_1 0.9009 1.0000
 $\eta /(\text{mPa s})$ 1.838 1.532

1126 **C₂H₆OS (1)** **dimethyl sulfoxide** **67-68-5**
C₁₂H₂₇O₄P (2) **phosphoric acid tributyl ester** **126-73-8**

$T/K = 303.15$ 96T1

x_1 0.0000 0.1114 0.2201 0.3260 0.4293 0.5302 0.6286 0.7248 1.0000

η /(mPa s)	2.8170	3.1479	2.9624	2.7991	2.6541	2.5817	2.4206	2.2906	1.8542
1127	C₂H₆OS (1) C₁₄H₁₂O₃ (2)		dimethyl sulfoxide 2-hydroxy-benzoic acid phenylmethyl ester						67-68-5 118-58-1
$T/K = 303.15$									97R1
x_2	0.0000	0.0790	0.1284	0.1867	0.2564	0.3413	0.4467	0.5812	1.0000
η /(mPa s)	1.730	2.299	2.529	2.933	3.273	3.776	4.342	4.995	6.722
1128	C₂H₆O₂ (1) C₂H₇NO (2)		ethane-1,2-diol 2-amino-ethanol						107-21-1 141-43-5
$T/K = 293.15$									99T1
x_1	0.0000	0.1246	0.2055	0.2907	0.4172	0.4960	0.5176	0.6654	0.7010
η /(mPa s)	24.099	29.944	32.898	35.071	36.008	33.468	33.729	29.062	28.138
x_1	0.7890	0.8248	0.8691	0.9427	0.9527	1.0000			
η /(mPa s)	25.166	23.798	22.483	21.115	20.924	20.806			
1129	C₂H₆O₂ (1) C₃H₆O (2)		ethane-1,2-diol propan-2-one						107-21-1 67-64-1
$T/K = 293.15$									99T1
x_1	0.0000	0.1258	0.2405	0.2517	0.3451	0.3891	0.5257	0.6291	0.6515
η /(mPa s)	0.337	0.439	0.625	0.651	0.912	1.086	1.910	3.034	3.393
x_1	0.7734	0.8254	0.8715	0.9210	1.0000				
η /(mPa s)	6.123	7.897	9.970	13.185	20.806				
$T/^\circ\text{C} = 30.0$									96B5
x_1	0.0000	0.1000	0.2001	0.3001	0.4000	0.5000	0.5999	0.6999	0.8001
η /(mPa s)	0.2931	0.3693	0.4836	0.6552	0.9465	1.3787	2.0779	3.2177	5.0947
x_1	0.9000	1.0000							
η /(mPa s)	8.2181	13.5246							
$T/^\circ\text{C} = 35.0$									96B5
x_1	0.0000	0.1000	0.2001	0.3001	0.4000	0.5000	0.5999	0.6999	0.8001
η /(mPa s)	0.2806	0.3518	0.4567	0.6128	0.8734	1.2527	1.8624	2.8445	4.4038
x_1	0.9000	1.0000							
η /(mPa s)	6.9826	11.0505							
$T/^\circ\text{C} = 40.0$									96B5
x_1	0.0000	0.1000	0.2001	0.3001	0.4000	0.5000	0.5999	0.6999	0.8001
η /(mPa s)	0.2688	0.3353	0.4331	0.5741	0.8087	1.1477	1.6858	2.5205	3.8442
x_1	0.9000	1.0000							
η /(mPa s)	5.9684	9.2442							

η /(mPa s)	2.8170	3.1479	2.9624	2.7991	2.6541	2.5817	2.4206	2.2906	1.8542
1127	C₂H₆OS (1) C₁₄H₁₂O₃ (2)		dimethyl sulfoxide						67-68-5 118-58-1
T /K = 303.15									97R1
x_2	0.0000	0.0790	0.1284	0.1867	0.2564	0.3413	0.4467	0.5812	1.0000
η /(mPa s)	1.730	2.299	2.529	2.933	3.273	3.776	4.342	4.995	6.722
1128	C₂H₆O₂ (1) C₂H₇NO (2)		ethane-1,2-diol						107-21-1 141-43-5
T /K = 293.15									99T1
x_1	0.0000	0.1246	0.2055	0.2907	0.4172	0.4960	0.5176	0.6654	0.7010
η /(mPa s)	24.099	29.944	32.898	35.071	36.008	33.468	33.729	29.062	28.138
x_1	0.7890	0.8248	0.8691	0.9427	0.9527	1.0000			
η /(mPa s)	25.166	23.798	22.483	21.115	20.924	20.806			
1129	C₂H₆O₂ (1) C₃H₆O (2)		ethane-1,2-diol						107-21-1 67-64-1
T /K = 293.15									99T1
x_1	0.0000	0.1258	0.2405	0.2517	0.3451	0.3891	0.5257	0.6291	0.6515
η /(mPa s)	0.337	0.439	0.625	0.651	0.912	1.086	1.910	3.034	3.393
x_1	0.7734	0.8254	0.8715	0.9210	1.0000				
η /(mPa s)	6.123	7.897	9.970	13.185	20.806				
T /°C = 30.0									96B5
x_1	0.0000	0.1000	0.2001	0.3001	0.4000	0.5000	0.5999	0.6999	0.8001
η /(mPa s)	0.2931	0.3693	0.4836	0.6552	0.9465	1.3787	2.0779	3.2177	5.0947
x_1	0.9000	1.0000							
η /(mPa s)	8.2181	13.5246							
T /°C = 35.0									96B5
x_1	0.0000	0.1000	0.2001	0.3001	0.4000	0.5000	0.5999	0.6999	0.8001
η /(mPa s)	0.2806	0.3518	0.4567	0.6128	0.8734	1.2527	1.8624	2.8445	4.4038
x_1	0.9000	1.0000							
η /(mPa s)	6.9826	11.0505							
T /°C = 40.0									96B5
x_1	0.0000	0.1000	0.2001	0.3001	0.4000	0.5000	0.5999	0.6999	0.8001
η /(mPa s)	0.2688	0.3353	0.4331	0.5741	0.8087	1.1477	1.6858	2.5205	3.8442
x_1	0.9000	1.0000							
η /(mPa s)	5.9684	9.2442							

$T/^\circ\text{C} = 45.0$									96B5
x_1	0.0000	0.1000	0.2001	0.3001	0.4000	0.5000	0.5999	0.6999	0.8001
$\eta/(\text{mPa s})$	0.2586	0.3210	0.4115	0.5396	0.7539	1.0567	1.5336	2.2263	3.4053
x_1	0.9000	1.0000							
$\eta/(\text{mPa s})$	5.1531	7.9694							
$T/^\circ\text{C} = 25.0$									7711
x_1	0.0000	0.0660	0.1281	0.2488	0.3615	0.4816	0.5689	0.6645	0.7557
$\eta/(\text{mPa s})$	0.3069	0.3592	0.4198	0.6086	0.9263	1.4656	2.1003	3.3068	4.9064
x_1	0.7983	0.8414	0.8819	0.9212	0.9614	0.9852	1.0000		
$\eta/(\text{mPa s})$	6.0226	7.5682	9.0803	11.2524	13.9192	15.5313	16.8311		
$T/^\circ\text{C} = 20.0$									61L1
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
$\eta/(\text{mPa s})$	0.339	0.551	1.125	1.659	2.679	7.169	20.784		
$T/^\circ\text{C} = 25.0$									7711
x_1	0.0000	0.0660	0.1281	0.2488	0.3615	0.4816	0.5689	0.6645	0.7557
$\nu/(\text{mm}^2/\text{s})$	0.3909	0.4460	0.5102	0.7083	1.0337	1.5772	2.1846	3.2673	4.7821
x_1	0.7983	0.8414	0.8819	0.9212	0.9614	0.9852	1.0000		
$\nu/(\text{mm}^2/\text{s})$	5.7911	7.1284	8.4942	10.3900	12.6815	14.0580	15.1632		
$T/^\circ\text{C} = 30.0$									64K1
x_2	0.0000	0.0640	0.1405	0.2421	0.3628	0.4521	0.5407	0.6655	0.7672
$\nu/(\text{mm}^2/\text{s})$	12.247	9.3260	6.7700	4.2120	2.5385	1.7792	1.2925	0.8518	0.6338
x_2	0.8745	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.4810	0.3728							
1130	$\text{C}_2\text{H}_6\text{O}_2$ (1)		ethane-1,2-diol						107-21-1
	$\text{C}_3\text{H}_6\text{O}_2$ (2)		acetic acid methyl ester						79-20-9
$T/\text{K} = 298.15$									98A3
x_1	0.0000	0.1014	0.1953	0.2981	0.3974	0.5029	0.5992	0.6997	0.7990
$\eta/(\text{mPa s})$	0.391	0.543	0.645	0.829	1.791	1.850	2.329	3.499	5.578
x_1	0.9639	1.0000							
$\eta/(\text{mPa s})$	9.086	15.312							
$T/\text{K} = 303.15$									98A3
x_1	0.0000	0.1014	0.1953	0.2981	0.3974	0.5029	0.5992	0.6997	0.7990
$\eta/(\text{mPa s})$	0.372	0.507	0.599	0.756	1.008	1.633	2.026	3.025	4.658
x_1	0.9639	1.0000							
$\eta/(\text{mPa s})$	7.673	12.242							
$T/\text{K} = 308.15$									98A3
x_1	0.0000	0.1014	0.1953	0.2981	0.3974	0.5029	0.5992	0.6997	0.7990

η /(mPa s)	0.355	0.473	0.561	0.701	0.921	1.439	1.781	2.643	3.989	
x_1	0.9639	1.0000								
η /(mPa s)	6.317	9.945								
1131	C₂H₆O₂ (1) C₃H₇NO (2)		ethane-1,2-diol N,N-dimethyl-formamide							107-21-1 68-12-2
T /°C = -10.0									92C2	
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734	
η /(mPa s)	112.1	75.71	50.84	32.46	20.55	12.90	7.983	5.026	3.192	
x_2	0.8848	1.0000								
η /(mPa s)	2.069	1.371								
T /°C = -5.0									92C2	
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734	
η /(mPa s)	80.35	55.94	38.06	25.03	16.24	10.51	6.693	4.322	2.813	
x_2	0.8848	1.0000								
η /(mPa s)	1.863	1.258								
T /°C = 0.0									92C2	
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734	
η /(mPa s)	59.08	41.88	29.03	19.54	12.99	8.646	5.666	3.750	2.502	
x_2	0.8848	1.0000								
η /(mPa s)	1.684	1.157								
T /°C = 5.0									92C2	
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734	
η /(mPa s)	44.43	32.21	22.70	15.65	10.65	7.242	4.848	3.281	2.234	
x_2	0.8848	1.0000								
η /(mPa s)	1.534	1.069								
T /°C = 10.0									92C2	
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734	
η /(mPa s)	34.11	25.12	18.05	12.69	8.844	6.120	4.164	2.889	2.011	
x_2	0.8848	1.0000								
η /(mPa s)	1.403	0.9934								
T /°C = 15.0									92C2	
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734	
η /(mPa s)	26.68	19.96	14.64	10.46	7.418	5.243	3.643	2.574	1.822	
x_2	0.8848	1.0000								
η /(mPa s)	1.290	0.9261								
T /°C = 20.0									92C2	
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734	
η /(mPa s)	21.20	16.12	11.93	8.707	6.278	4.532	3.230	2.310	1.660	

x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	1.191	0.8669							
$T / ^\circ\text{C} = 25.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	17.14	13.24	9.921	7.353	5.380	3.952	2.862	2.081	1.518
x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	1.105	0.8136							
$T / ^\circ\text{C} = 30.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	14.02	10.91	8.250	6.225	4.639	3.456	2.552	1.882	1.392
x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	1.027	0.7648							
$T / ^\circ\text{C} = 35.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	11.58	9.133	7.023	5.360	4.044	3.060	2.289	1.711	1.285
x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	0.9570	0.7217							
$T / ^\circ\text{C} = 40.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	9.684	7.726	5.998	4.644	3.551	2.719	2.064	1.563	1.185
x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	0.8951	0.6831							
$T / ^\circ\text{C} = 45.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	8.202	6.606	5.171	4.054	3.139	2.434	1.873	1.433	1.096
x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	0.8414	0.6461							
$T / ^\circ\text{C} = 50.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	7.032	5.671	4.507	3.563	2.789	2.190	1.711	1.322	1.022
x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	0.7911	0.6128							
$T / ^\circ\text{C} = 55.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	6.027	4.942	3.949	3.159	2.495	1.980	1.562	1.219	0.9527
x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	0.7455	0.5843							
$T / ^\circ\text{C} = 60.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	5.188	4.305	3.472	2.810	2.245	1.799	1.433	1.129	0.8922

x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	0.7044	0.5565							
$T / ^\circ\text{C} = 65.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	4.538	3.772	3.091	2.516	2.029	1.642	1.320	1.051	0.8387
x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	0.6674	0.5322							
$T / ^\circ\text{C} = 70.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	3.980	3.339	2.761	2.267	1.843	1.505	1.220	0.9791	0.7876
x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	0.6319	0.5084							
$T / ^\circ\text{C} = 75.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	3.526	2.977	2.475	2.049	1.683	1.385	1.132	0.9174	0.7424
x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	0.6007	0.4846							
$T / ^\circ\text{C} = 80.0$									92C2
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\eta /(\text{mPa s})$	3.119	2.692	2.249	1.877	1.546	1.285	1.055	0.8607	0.7027
x_2	0.8848	1.0000							
$\eta /(\text{mPa s})$	0.5712	0.4649							
$T / ^\circ\text{C} = -10.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta /(\text{mPa s})$	112.2	75.70	50.84	20.55	7.983	3.192	2.069	1.371	
$T / ^\circ\text{C} = -5.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta /(\text{mPa s})$	80.36	55.94	38.06	16.24	6.693	2.813	1.863	1.258	
$T / ^\circ\text{C} = 0.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta /(\text{mPa s})$	59.08	41.88	29.03	12.99	5.666	2.502	1.684	1.175	
$T / ^\circ\text{C} = 5.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta /(\text{mPa s})$	44.43	32.21	22.70	10.65	4.848	2.234	1.534	1.070	
$T / ^\circ\text{C} = 10.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta /(\text{mPa s})$	34.11	25.12	18.05	8.844	4.164	2.011	1.403	0.9933	
$T / ^\circ\text{C} = 15.0$									91M1

x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	26.68	19.96	14.64	7.418	3.643	1.822	1.290	0.9260	
$T/^\circ\text{C} = 20.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	21.20	16.12	11.93	6.277	3.230	1.660	1.191	0.8669	
$T/^\circ\text{C} = 25.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	17.14	13.24	9.921	5.381	2.852	1.518	1.105	0.8136	
$T/^\circ\text{C} = 30.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	14.01	10.91	8.250	4.639	2.551	1.392	1.027	0.7647	
$T/^\circ\text{C} = 35.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	11.58	9.133	7.023	4.044	2.289	1.285	0.9570	0.7217	
$T/^\circ\text{C} = 40.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	9.684	7.725	5.998	3.551	2.064	1.185	0.8951	0.6831	
$T/^\circ\text{C} = 45.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	8.203	6.606	5.171	3.139	1.873	1.096	0.8415	0.6460	
$T/^\circ\text{C} = 50.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	7.032	5.671	4.507	2.789	1.711	1.022	0.7911	0.6128	
$T/^\circ\text{C} = 55.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	6.027	4.942	3.949	2.495	1.562	0.9527	0.7455	0.5843	
$T/^\circ\text{C} = 60.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	5.188	4.305	3.473	2.245	1.433	0.8921	0.7044	0.5565	
$T/^\circ\text{C} = 65.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	4.538	3.772	3.091	2.029	1.320	0.8336	0.6674	0.5321	
$T/^\circ\text{C} = 70.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	3.978	3.339	2.761	1.843	1.220	0.7876	0.6319	0.5084	
$T/^\circ\text{C} = 75.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\eta/(\text{mPa s})$	3.525	2.977	2.475	1.683	1.132	0.7424	0.6007	0.4846	
$T/^\circ\text{C} = 80.0$									91M1

x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
η /(mPa s)	3.117	2.692	2.249	1.546	1.055	0.7044	0.5725	0.4602	
$T/^\circ\text{C} = -35.0$									87S1
x_1	0.000	0.227	0.440	0.639	0.825				
η /(mPa s)	2.35	6.05	18.8	67.8	259.				
$T/^\circ\text{C} = -15.0$									87S1
x_1	0.000	0.227	0.440	0.639	0.825				
η /(mPa s)	1.52	3.25	7.89	20.7	58.4				
$T/^\circ\text{C} = 5.0$									87S1
x_1	0.000	0.227	0.440	0.639	0.825	1.000			
η /(mPa s)	1.07	2.01	4.08	8.85	19.9	41.9			
$T/^\circ\text{C} = 25.0$									87S1
x_1	0.000	0.227	0.440	0.639	0.825	1.000			
η /(mPa s)	0.802	1.37	2.43	4.55	8.70	16.9			
$T/^\circ\text{C} = 45.0$									87S1
x_1	0.000	0.227	0.440	0.639	0.825	1.000			
η /(mPa s)	0.633	1.00	1.60	2.68	4.55	7.91			
$T/^\circ\text{C} = 65.0$									87S1
x_1	0.000	0.227	0.440	0.639	0.825	1.000			
η /(mPa s)	0.513	0.767	1.14	1.75	2.71	4.38			
$T/^\circ\text{C} = 20.0$									71S1
x_2	0.0000	0.1056	0.1998	0.2994	0.3996	0.4993	0.5993	0.6982	0.7998
η /(mPa s)	20.13	14.01	9.809	6.810	4.805	3.476	2.573	1.935	1.506
x_2	0.8991	1.0000							
η /(mPa s)	1.149	0.855							
$T/^\circ\text{C} = 30.0$									71S1
x_2	0.0000	0.0909	0.2042	0.2999	0.3998	0.4996	0.6002	0.6998	0.7987
η /(mPa s)	13.33	9.772	6.814	4.965	3.603	2.681	2.020	1.549	1.214
x_2	0.8981	1.0000							
η /(mPa s)	0.961	0.753							
$T/^\circ\text{C} = 40.0$									71S1
x_2	0.0000	0.0999	0.2036	0.2994	0.3998	0.4987	0.5990	0.6976	0.7993
η /(mPa s)	9.220	6.969	5.021	3.764	2.804	2.136	1.652	1.299	1.027
x_2	0.9009	1.0000							
η /(mPa s)	0.825	0.673							
$T/^\circ\text{C} = 50.0$									71S1
x_2	0.0000	0.1019	0.2005	0.3013	0.3999	0.5007	0.5959	0.7008	0.7985
η /(mPa s)	6.880	5.127	3.868	3.035	2.244	1.757	1.397	1.115	0.901
x_2	0.8990	1.0000							

η /(mPa s)	0.737	0.606							
T /°C = -10.0									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
ν /(mm ² /s)	98.91	67.40	45.78	29.62	19.02	12.13	7.632	4.881	3.151
x_2	0.8848	1.0000							
ν /(mm ² /s)	2.072	1.397							
T /°C = -5.0									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
ν /(mm ² /s)	71.08	49.97	34.41	22.94	15.10	9.930	6.428	4.217	2.791
x_2	0.8848	1.0000							
ν /(mm ² /s)	1.876	1.289							
T /°C = 0.0									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
ν /(mm ² /s)	52.42	37.53	26.35	19.98	12.13	8.207	5.465	3.676	2.494
x_2	0.8848	1.0000							
ν /(mm ² /s)	1.705	1.192							
T /°C = 5.0									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
ν /(mm ² /s)	39.54	28.96	20.69	14.46	9.995	6.904	4.696	3.232	2.238
x_2	0.8848	1.0000							
ν /(mm ² /s)	1.561	1.108							
T /°C = 10.0									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
ν /(mm ² /s)	30.44	22.66	16.51	11.77	8.333	5.859	4.051	2.859	2.024
x_2	0.8848	1.0000							
ν /(mm ² /s)	1.435	1.034							
T /°C = 15.0									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
ν /(mm ² /s)	23.89	18.06	13.43	9.743	7.017	5.040	3.558	2.557	1.842
x_2	0.8848	1.0000							
ν /(mm ² /s)	1.326	0.9693							
T /°C = 20.0									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
ν /(mm ² /s)	19.04	14.63	10.98	8.138	5.962	4.374	3.168	2.306	1.686
x_2	0.8848	1.0000							
ν /(mm ² /s)	1.230	0.9121							
T /°C = 25.0									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
ν /(mm ² /s)	15.44	12.06	9.170	6.897	5.130	3.829	2.818	2.085	1.549

x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.147	0.8605							
$T/^\circ\text{C} = 30.0$									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\nu /(\text{mm}^2/\text{s})$	12.67	9.974	7.652	5.860	4.440	3.362	2.523	1.895	1.427
x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.071	0.8130							
$T/^\circ\text{C} = 35.0$									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\nu /(\text{mm}^2/\text{s})$	10.49	8.374	6.536	5.064	3.885	2.988	2.273	1.731	1.323
x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.003	0.7712							
$T/^\circ\text{C} = 40.0$									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\nu /(\text{mm}^2/\text{s})$	8.806	7.107	5.601	4.403	3.424	2.665	2.058	1.586	1.226
x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.9428	0.7337							
$T/^\circ\text{C} = 45.0$									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\nu /(\text{mm}^2/\text{s})$	7.482	6.097	4.845	3.857	3.037	2.395	1.875	1.464	1.139
x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.8907	0.6975							
$T/^\circ\text{C} = 50.0$									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\nu /(\text{mm}^2/\text{s})$	6.434	5.252	4.237	3.402	2.709	2.163	1.720	1.354	1.067
x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.8416	0.6650							
$T/^\circ\text{C} = 55.0$									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\nu /(\text{mm}^2/\text{s})$	5.532	4.592	3.724	3.027	2.432	1.963	1.576	1.254	0.9992
x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.7971	0.6374							
$T/^\circ\text{C} = 60.0$									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\nu /(\text{mm}^2/\text{s})$	4.777	4.014	3.287	2.702	2.197	1.791	1.452	1.168	0.9401
x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.7570	0.6102							
$T/^\circ\text{C} = 65.0$									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\nu /(\text{mm}^2/\text{s})$	4.192	3.529	2.936	2.428	1.993	1.641	1.343	1.092	0.8880

x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.7210	0.5867							
$T/^\circ\text{C} = 70.0$									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\nu /(\text{mm}^2/\text{s})$	3.688	3.134	2.632	2.196	1.818	1.510	1.247	1.022	0.8380
x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.6863	0.5635							
$T/^\circ\text{C} = 75.0$									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\nu /(\text{mm}^2/\text{s})$	3.279	2.804	2.367	1.993	1.666	1.396	1.162	0.9613	0.7939
x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.6560	0.5401							
$T/^\circ\text{C} = 80.0$									93C4
x_2	0.0000	0.0864	0.1758	0.2677	0.3623	0.4601	0.5609	0.6654	0.7734
$\nu /(\text{mm}^2/\text{s})$	2.910	2.544	2.159	1.832	1.537	1.301	1.088	0.9063	0.7553
x_2	0.8848	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.6274	0.5210							
$T/^\circ\text{C} = -10.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu /(\text{mm}^2/\text{s})$	98.91	67.40	45.78	19.02	7.632	3.151	2.072	1.397	
$T/^\circ\text{C} = -5.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu /(\text{mm}^2/\text{s})$	71.08	49.67	34.41	15.10	6.428	2.791	1.876	1.289	
$T/^\circ\text{C} = 0.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu /(\text{mm}^2/\text{s})$	52.42	37.53	26.35	12.13	5.465	2.494	1.705	1.192	
$T/^\circ\text{C} = 5.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu /(\text{mm}^2/\text{s})$	39.54	28.96	20.69	9.995	4.696	2.238	1.561	1.108	
$T/^\circ\text{C} = 10.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu /(\text{mm}^2/\text{s})$	30.44	22.66	16.51	8.333	4.051	2.024	1.435	1.034	
$T/^\circ\text{C} = 15.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu /(\text{mm}^2/\text{s})$	23.89	18.06	13.43	7.017	3.558	1.842	1.326	0.9693	
$T/^\circ\text{C} = 20.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu /(\text{mm}^2/\text{s})$	19.04	14.63	10.98	5.962	3.168	1.686	1.230	0.9121	

$T/^\circ\text{C} = 25.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	15.44	12.06	9.170	5.130	2.818	1.549	1.147	0.8605	
$T/^\circ\text{C} = 30.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	12.67	9.974	7.652	4.440	2.523	1.427	1.071	0.8130	
$T/^\circ\text{C} = 35.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	10.49	8.374	6.536	3.885	2.273	1.323	1.003	0.7712	
$T/^\circ\text{C} = 40.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	8.806	7.107	5.601	3.424	2.058	1.226	0.9428	0.7337	
$T/^\circ\text{C} = 45.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	7.481	6.097	4.845	3.037	1.875	1.139	0.8907	0.6975	
$T/^\circ\text{C} = 50.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	6.434	5.252	4.237	2.709	1.720	1.067	0.8416	0.6650	
$T/^\circ\text{C} = 55.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	5.532	4.592	3.724	2.432	1.576	0.9992	0.7971	0.6374	
$T/^\circ\text{C} = 60.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	4.777	4.014	3.287	2.197	1.452	0.9401	0.7570	0.6102	
$T/^\circ\text{C} = 65.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	4.192	3.529	2.936	1.993	1.343	0.8880	0.7210	0.5867	
$T/^\circ\text{C} = 70.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	3.688	3.134	2.632	1.818	1.247	0.8380	0.6863	0.5635	
$T/^\circ\text{C} = 75.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	3.279	2.804	2.367	1.666	1.162	0.7939	0.6560	0.5401	
$T/^\circ\text{C} = 80.0$									91M1
x_2	0.0000	0.0864	0.1758	0.3623	0.5609	0.7734	0.8848	1.0000	
$\nu/(\text{mm}^2/\text{s})$	2.910	2.544	2.159	1.537	1.088	0.7553	0.6274	0.5210	

1132 **C₂H₆O₂ (1)**
C₃H₈O (2)

ethane-1,2-diol
propan-1-ol

107-21-1
71-23-8

$T/K = 298.15$									98P5
x_1	0.0000	0.0111	0.0207	0.0321	0.0482	0.0722	0.0979	0.1442	0.1912
$\eta /(\text{mPa s})$	1.951	2.005	2.055	2.115	2.198	2.331	2.467	2.723	3.012
x_1	0.2372	0.2938	0.3450	0.3886	0.4295	0.4681	0.5096	0.5452	0.5843
$\eta /(\text{mPa s})$	3.320	3.751	4.192	4.617	5.053	5.512	6.052	6.565	7.175
x_1	0.6533	0.6993	0.7522	0.7988	0.8400	0.8875	0.9180	0.9609	0.9812
$\eta /(\text{mPa s})$	8.397	9.322	10.503	11.676	12.753	14.134	15.079	16.496	17.204
x_1	1.0000								
$\eta /(\text{mPa s})$	17.877								
$T/^\circ\text{C} = 25.0$									72Z1
w_1	0.000	0.115	0.312	0.512	0.717	0.911	1.000		
$\eta /(\text{mPa s})$	1.93	2.37	3.53	5.46	8.85	13.47	16.94		
1133	C₂H₆O₂ (1)	ethane-1,2-diol						107-21-1	
	C₃H₈O₂ (2)	2-methoxy-ethanol						109-86-4	
$T/^\circ\text{C} = -10.0$									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\eta /(\text{mPa s})$	112.2	83.14	61.96	44.21	32.80	22.50	16.57	11.20	8.137
x_2	0.8641	1.0000							
$\eta /(\text{mPa s})$	5.122	3.572							
$T/^\circ\text{C} = -5.0$									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\eta /(\text{mPa s})$	80.36	61.10	46.26	33.36	25.30	17.62	13.26	8.919	6.825
x_2	0.8641	1.0000							
$\eta /(\text{mPa s})$	4.393	3.099							
$T/^\circ\text{C} = 0.0$									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\eta /(\text{mPa s})$	59.08	45.94	35.22	25.81	19.89	14.12	10.78	7.322	5.780
x_2	0.8641	1.0000							
$\eta /(\text{mPa s})$	3.800	2.720							
$T/^\circ\text{C} = 5.0$									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\eta /(\text{mPa s})$	44.43	35.04	27.33	20.23	15.87	11.46	8.887	6.131	4.908
x_2	0.8641	1.0000							
$\eta /(\text{mPa s})$	3.311	2.397							
$T/^\circ\text{C} = 10.0$									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\eta /(\text{mPa s})$	34.11	27.32	21.60	16.20	12.85	9.420	7.400	5.212	4.223

x_2	0.8641	1.0000							
η /(mPa s)	2.896	2.127							
T /°C = 15.0									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
η /(mPa s)	26.68	21.74	17.22	13.16	10.58	7.867	6.254	4.472	3.669
x_2	0.8641	1.0000							
η /(mPa s)	2.555	1.901							
T /°C = 20.0									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
η /(mPa s)	21.20	17.35	14.00	10.80	8.770	6.607	5.319	3.871	3.192
x_2	0.8641	1.0000							
η /(mPa s)	2.281	1.708							
T /°C = 25.0									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
η /(mPa s)	17.14	14.18	11.50	9.021	7.381	5.633	4.577	3.383	2.799
x_2	0.8641	1.0000							
η /(mPa s)	2.034	1.544							
T /°C = 30.0									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
η /(mPa s)	14.01	11.66	9.579	7.583	6.282	4.840	3.965	2.981	2.471
x_2	0.8641	1.0000							
η /(mPa s)	1.826	1.404							
T /°C = 35.0									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
η /(mPa s)	11.58	9.727	8.035	6.436	5.372	4.194	3.468	2.644	2.200
x_2	0.8641	1.0000							
η /(mPa s)	1.652	1.275							
T /°C = 40.0									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
η /(mPa s)	9.684	8.193	6.840	5.522	4.643	3.663	3.051	2.364	1.970
x_2	0.8641	1.0000							
η /(mPa s)	1.494	1.166							
T /°C = 45.0									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
η /(mPa s)	8.203	6.980	5.855	4.701	4.040	3.218	2.718	2.140	1.775
x_2	0.8641	1.0000							
η /(mPa s)	1.359	1.071							
T /°C = 50.0									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
η /(mPa s)	7.032	5.979	5.049	4.102	3.547	2.851	2.399	1.938	1.604

x_2	0.8641	1.0000							
$\eta /(\text{mPa s})$	1.241	0.9856							
$T / ^\circ\text{C} = 55.0$									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\eta /(\text{mPa s})$	6.027	5.168	4.383	3.605	3.128	2.545	2.152	1.751	1.462
x_2	0.8641	1.0000							
$\eta /(\text{mPa s})$	1.143	0.9117							
$T / ^\circ\text{C} = 60.0$									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\eta /(\text{mPa s})$	5.188	4.497	3.865	3.187	2.779	2.285	1.941	1.589	1.337
x_2	0.8641	1.0000							
$\eta /(\text{mPa s})$	1.050	0.8460							
$T / ^\circ\text{C} = 65.0$									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\eta /(\text{mPa s})$	4.538	3.946	3.402	2.829	2.481	2.054	1.754	1.445	1.222
x_2	0.8641	1.0000							
$\eta /(\text{mPa s})$	0.9724	0.7917							
$T / ^\circ\text{C} = 70.0$									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\eta /(\text{mPa s})$	3.978	3.485	3.025	2.526	2.227	1.856	1.597	1.322	1.131
x_2	0.8641	1.0000							
$\eta /(\text{mPa s})$	0.9030	0.7336							
$T / ^\circ\text{C} = 75.0$									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\eta /(\text{mPa s})$	3.525	3.104	2.697	2.276	2.013	1.686	1.450	1.216	1.052
x_2	0.8641	1.0000							
$\eta /(\text{mPa s})$	0.8371	0.6852							
$T / ^\circ\text{C} = 80.0$									93C1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\eta /(\text{mPa s})$	3.177	2.769	2.424	2.040	1.821	1.554	1.328	1.101	0.9773
x_2	0.8641	1.0000							
$\eta /(\text{mPa s})$	0.7814	0.6426							
$T / ^\circ\text{C} = -10.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	98.94	74.08	55.78	40.25	30.20	21.03	15.71	10.78	7.927
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	5.070	3.594							
$T / ^\circ\text{C} = -5.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386

$\nu /(\text{mm}^2/\text{s})$	71.09	54.62	41.78	30.49	23.40	16.53	12.62	8.620	6.677
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	4.368	3.133							
$T/^\circ\text{C} = 0.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	52.42	41.20	31.92	23.67	18.46	13.30	10.30	7.105	5.680
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	3.796	2.763							
$T/^\circ\text{C} = 5.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	39.54	31.52	24.85	18.62	14.78	10.83	8.525	5.973	4.844
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	3.323	2.446							
$T/^\circ\text{C} = 10.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	30.44	24.66	19.71	14.96	12.02	8.942	7.127	5.098	4.187
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	2.920	2.182							
$T/^\circ\text{C} = 15.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	23.89	19.69	15.76	12.20	9.929	7.497	6.047	4.392	3.654
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	2.588	1.959							
$T/^\circ\text{C} = 20.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	19.04	15.76	12.87	10.05	8.265	6.321	5.164	3.817	3.193
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	2.322	1.769							
$T/^\circ\text{C} = 25.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	15.44	12.92	10.61	8.425	6.983	5.410	4.462	3.350	2.813
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	2.080	1.607							
$T/^\circ\text{C} = 30.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	12.66	10.66	8.865	7.109	5.966	4.667	3.881	2.964	2.494
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.876	1.469							
$T/^\circ\text{C} = 35.0$									93M1

x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	10.49	8.922	7.462	6.056	5.122	4.060	3.408	2.640	2.231
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.705	1.341							
$T/^\circ\text{C} = 40.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	8.806	7.540	6.375	5.215	4.444	3.560	3.011	2.370	2.007
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.549	1.232							
$T/^\circ\text{C} = 45.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	7.482	6.445	5.476	4.456	3.882	3.140	2.693	2.155	1.816
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.416	1.137							
$T/^\circ\text{C} = 50.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	6.434	5.539	4.739	3.903	3.422	2.793	2.387	1.960	1.649
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.299	1.052							
$T/^\circ\text{C} = 55.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	5.532	4.804	4.129	3.443	3.030	2.504	2.150	1.778	1.510
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.203	0.9781							
$T/^\circ\text{C} = 60.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	4.777	4.194	3.654	3.055	2.703	2.257	1.947	1.620	1.387
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.110	0.9122							
$T/^\circ\text{C} = 65.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	4.192	3.692	3.228	2.722	2.423	2.037	1.767	1.480	1.274
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.033	0.8581							
$T/^\circ\text{C} = 70.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	3.687	3.272	2.880	2.440	2.183	1.848	1.616	1.360	1.184
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.9640	0.7992							
$T/^\circ\text{C} = 75.0$									93M1

x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	3.278	2.924	2.577	2.207	1.981	1.686	1.473	1.256	1.107
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.8981	0.7504							
$T / ^\circ\text{C} = 80.0$									93M1
x_2	0.0000	0.0728	0.1501	0.2324	0.3201	0.4139	0.5144	0.6224	0.7386
$\nu /(\text{mm}^2/\text{s})$	2.909	2.617	2.324	1.985	1.800	1.560	1.355	1.142	1.033
x_2	0.8641	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.8426	0.7076							
1134	C₂H₆O₂ (1) C₄H₆O₂ (2)		ethane-1,2-diol dihydro-furan-2-one						107-21-1 96-48-0
$T / ^\circ\text{C} = -35.0$									87S1
x_1	0.000	0.258	0.480	0.676	0.847				
$\eta /(\text{mPa s})$	7.05	14.3	41.5	121.	321.				
$T / ^\circ\text{C} = -15.0$									87S1
x_1	0.000	0.258	0.480	0.676	0.847				
$\eta /(\text{mPa s})$	3.92	6.72	13.7	32.3	65.6				
$T / ^\circ\text{C} = 5.0$									87S1
x_1	0.000	0.258	0.480	0.676	0.847	1.000			
$\eta /(\text{mPa s})$	2.40	3.62	5.88	12.6	21.8	41.9			
$T / ^\circ\text{C} = 25.0$									87S1
x_1	0.000	0.258	0.480	0.676	0.847	1.000			
$\eta /(\text{mPa s})$	1.74	2.28	3.65	5.90	9.92	16.9			
$T / ^\circ\text{C} = 45.0$									87S1
x_1	0.000	0.258	0.480	0.676	0.847	1.000			
$\eta /(\text{mPa s})$	1.29	1.54	2.16	3.30	4.78	7.91			
$T / ^\circ\text{C} = 65.0$									87S1
x_1	0.000	0.258	0.480	0.676	0.847	1.000			
$\eta /(\text{mPa s})$	1.01	1.13	1.46	2.07	2.81	4.38			
1135	C₂H₆O₂ (1) C₄H₈O (2)		ethane-1,2-diol butan-2-one						107-21-1 78-93-3
$T / ^\circ\text{C} = 25.0$									77I1
x_1	0.0000	0.1510	0.2568	0.4087	0.5157	0.6148	0.7048	0.7883	0.8638
$\eta /(\text{mPa s})$	0.3859	0.5430	0.7117	1.1901	1.8066	2.7244	4.1322	5.8967	8.5376
x_1	0.9352	0.9684	1.0000						
$\eta /(\text{mPa s})$	12.3549	14.5766	16.8700						

$T/^\circ\text{C} = 25.0$										7711
x_1	0.0000	0.1510	0.2568	0.4087	0.5157	0.6148	0.7048	0.7883	0.8638	0.8638
$\nu/(\text{mm}^2/\text{s})$	0.4810	0.6493	0.8250	1.3179	1.9330	2.8029	4.1417	5.7335	8.0757	8.0757
x_1	0.9352	0.9684	1.0000							
$\nu/(\text{mm}^2/\text{s})$	11.3849	13.2768	15.2000							

1136	C₂H₆O₂ (1) C₄H₈O₂ (2)	ethane-1,2-diol acetic acid ethyl ester								107-21-1 141-78-6
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$T/^\circ\text{C} = 30.0$										88T1
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x_2	0.000	0.100	0.884	1.000						
$\eta/(\text{mPa s})$	12.265	8.495	0.788	0.572						

$T/^\circ\text{C} = 40.0$										88T1
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x_2	0.000	0.100	0.799	0.884	1.000					
$\eta/(\text{mPa s})$	9.153	6.382	0.897	0.677	0.571					

$T/^\circ\text{C} = 50.0$										88T1
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x_2	0.000	0.100	0.199	0.742	0.799	0.884	1.000			
$\eta/(\text{mPa s})$	6.333	4.465	3.152	0.887	0.809	0.648	0.482			

$T/^\circ\text{C} = 60.0$										88T1
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x_2	0.000	0.100	0.199	0.302	0.396	0.497	0.641	0.742	0.799	0.799
$\eta/(\text{mPa s})$	4.750	3.579	2.512	1.818	1.499	1.257	0.892	0.622	0.596	0.596

x_2	0.884	1.000								
$\eta/(\text{mPa s})$	0.502	0.407								

$T/^\circ\text{C} = 70.0$										88T1
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x_2	0.000	0.100	0.199	0.302	0.396	0.497	0.641	0.742	0.799	0.799
$\eta/(\text{mPa s})$	3.655	2.657	1.990	1.544	1.243	1.008	0.666	0.537	0.460	0.460

x_2	0.884	1.000								
$\eta/(\text{mPa s})$	0.386	0.331								

1137	C₂H₆O₂ (1) C₄H₈O₂ (2)	ethane-1,2-diol 1,4-dioxane								107-21-1 123-91-1
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$T/^\circ\text{C} = 30.0$										96B5
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x_1	0.0000	0.0999	0.1999	0.2998	0.3999	0.5000	0.6000	0.7000	0.8001	0.8001
$\eta/(\text{mPa s})$	1.0962	1.2410	1.4636	1.8073	2.2695	2.9119	3.7981	5.0967	6.9973	6.9973

x_1	0.9001	1.0000								
$\eta/(\text{mPa s})$	9.6380	13.5246								

$T/^\circ\text{C} = 35.0$										96B5
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x_1	0.0000	0.0999	0.1999	0.2998	0.3999	0.5000	0.6000	0.7000	0.8001	0.8001
$\eta/(\text{mPa s})$	1.0146	1.1416	1.3357	1.6400	2.0366	2.5818	3.3304	4.3975	5.9694	5.9694

x_1	0.9001	1.0000								
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η /(mPa s)	8.0831	11.0505							
T /°C = 40.0									96B5
x_1	0.0000	0.0999	0.1999	0.2998	0.3999	0.5000	0.6000	0.7000	0.8001
η /(mPa s)	0.9366	1.0539	1.2260	1.4915	1.8348	2.3047	2.9370	3.8309	5.1345
x_1	0.9001	1.0000							
η /(mPa s)	6.8537	9.2442							
T /°C = 45.0									96B5
x_1	0.0000	0.0999	0.1999	0.2998	0.3999	0.5000	0.6000	0.7000	0.8001
η /(mPa s)	0.8705	0.9784	1.1293	1.3624	1.6615	2.0680	2.6108	3.3772	4.4563
x_1	0.9001	1.0000							
η /(mPa s)	5.8843	7.9694							
T /°C = 50.0									96B5
x_1	0.0000	0.0999	0.1999	0.2998	0.3999	0.5000	0.6000	0.7000	0.8001
η /(mPa s)	0.8150	0.9106	1.0466	1.2510	1.5156	1.8675	2.3330	2.9850	3.9035
x_1	0.9001	1.0000							
η /(mPa s)	5.0957	6.7128							
T /°C = -10.0									94C4
x_1	0.3951	0.6037	0.6955	0.7792	0.8590	0.9321	1.0000		
η /(mPa s)	7.840	15.00	24.66	39.99	55.01	74.77	112.1		
T /°C = -5.0									94C4
x_1	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	0.8590	0.9321	1.0000
η /(mPa s)	3.983	6.372	8.772	12.39	20.22	30.14	41.52	56.19	80.35
T /°C = 0.0									94C4
x_1	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	0.8590	
η /(mPa s)	2.548	3.518	5.276	7.363	10.24	16.56	23.17	31.81	
x_1	0.9321	1.0000							
η /(mPa s)	42.75	59.08							
T /°C = 5.0									94C4
x_1	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	0.8590	
η /(mPa s)	2.254	3.115	4.448	6.234	8.568	13.68	18.17	24.98	
x_1	0.9321	1.0000							
η /(mPa s)	33.20	44.43							
T /°C = 10.0									94C4
x_1	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	0.8590	
η /(mPa s)	2.006	2.750	3.798	5.324	7.226	11.37	14.48	19.71	
x_1	0.9321	1.0000							
η /(mPa s)	26.07	34.11							
T /°C = 15.0									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	

η /(mPa s)	1.437	1.798	2.441	3.294	4.564	6.146	9.518	11.76	
x_1	0.8590	0.9321	1.0000						
η /(mPa s)	15.85	20.79	26.68						
T /°C = 20.0									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
η /(mPa s)	1.315	1.626	2.175	2.877	3.947	5.244	8.018	9.687	
x_1	0.8590	0.9321	1.0000						
η /(mPa s)	12.96	16.74	21.20						
T /°C = 25.0									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
η /(mPa s)	1.204	1.471	1.941	2.544	3.445	4.520	6.791	8.097	
x_1	0.8590	0.9321	1.0000						
η /(mPa s)	10.70	13.67	17.14						
T /°C = 30.0									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
η /(mPa s)	1.108	1.342	1.740	2.264	3.025	3.927	5.793	6.859	
x_1	0.8590	0.9321	1.0000						
η /(mPa s)	8.937	11.30	14.02						
T /°C = 35.0									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
η /(mPa s)	1.024	1.231	1.576	2.036	2.681	3.432	4.988	5.842	
x_1	0.8590	0.9321	1.0000						
η /(mPa s)	7.539	9.437	11.58						
T /°C = 40.0									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
η /(mPa s)	0.9485	1.132	1.429	1.837	2.382	3.026	4.322	5.038	
x_1	0.8590	0.9321	1.0000						
η /(mPa s)	6.409	7.973	9.684						
T /°C = 45.0									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
η /(mPa s)	0.8824	1.045	1.303	1.666	2.131	2.675	3.780	4.386	
x_1	0.8590	0.9321	1.0000						
η /(mPa s)	5.514	6.800	8.202						
T /°C = 50.0									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
η /(mPa s)	0.8232	0.9689	1.200	1.520	1.920	2.394	3.330	3.842	
x_1	0.8590	0.9321	1.0000						
η /(mPa s)	4.786	5.872	7.032						
T /°C = 55.0									94C4

x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
$\eta /(\text{mPa s})$	0.7706	0.9010	1.109	1.394	1.740	2.146	2.949	3.387	
x_1	0.8590	0.9321	1.0000						
$\eta /(\text{mPa s})$	4.180	5.084	6.027						
$T / ^\circ\text{C} = 60.0$									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
$\eta /(\text{mPa s})$	0.7212	0.8393	1.031	1.276	1.584	1.936	2.625	3.005	
x_1	0.8590	0.9321	1.0000						
$\eta /(\text{mPa s})$	3.676	4.455	5.188						
$T / ^\circ\text{C} = 65.0$									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
$\eta /(\text{mPa s})$	0.6780	0.7855	0.9638	1.180	1.451	1.760	2.361	2.683	
x_1	0.8590	0.9321	1.0000						
$\eta /(\text{mPa s})$	3.257	3.937	4.538						
$T / ^\circ\text{C} = 70.0$									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
$\eta /(\text{mPa s})$	0.6402	0.7350	0.9092	1.087	1.335	1.605	2.130	2.407	
x_1	0.8590	0.9321	1.0000						
$\eta /(\text{mPa s})$	2.899	3.500	3.980						
$T / ^\circ\text{C} = 75.0$									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
$\eta /(\text{mPa s})$	0.6055	0.6910	0.8617	1.008	1.234	1.475	1.935	2.169	
x_1	0.8590	0.9321	1.0000						
$\eta /(\text{mPa s})$	2.599	3.119	3.526						
$T / ^\circ\text{C} = 80.0$									94C4
x_1	0.0000	0.1441	0.2754	0.3951	0.5041	0.6037	0.6955	0.7792	
$\eta /(\text{mPa s})$	0.5742	0.6483	0.8227	0.9374	1.149	1.364	1.775	1.970	
x_1	0.8590	0.9321	1.0000						
$\eta /(\text{mPa s})$	2.352	2.810	3.119						
$T / ^\circ\text{C} = 5.0$									80S2
x_2	0.036	0.073	0.111	0.150	0.191	0.232	0.275	0.317	0.366
$\eta /(\text{mPa s})$	34.07	28.99	22.38	19.27	16.03	13.90	12.07	9.88	8.47
x_2	0.413	0.463	0.514	0.567	0.622	0.679	0.738		
$\eta /(\text{mPa s})$	7.79	6.69	5.35	4.80	4.017	3.409	2.824		
$T / ^\circ\text{C} = 15.0$									80S2
x_2	0.036	0.073	0.111	0.150	0.191	0.232	0.275	0.317	0.366
$\eta /(\text{mPa s})$	21.88	17.75	15.02	13.02	11.01	9.72	8.37	7.12	6.18
x_2	0.413	0.463	0.514	0.567	0.622	0.679	0.738	0.800	0.864
$\eta /(\text{mPa s})$	5.62	4.75	4.009	3.502	3.079	2.527	2.238	2.036	1.758
x_2	0.930								

η /(mPa s)	1.549								
T /°C = 25.0	80S2								
x_2	0.036	0.073	0.111	0.150	0.191	0.232	0.275	0.317	0.366
η /(mPa s)	15.20	13.12	10.71	9.33	7.94	7.08	6.10	5.19	4.49
x_2	0.413	0.463	0.514	0.567	0.622	0.679	0.738	0.800	0.864
η /(mPa s)	4.071	3.549	3.000	2.703	2.408	2.102	1.758	1.621	1.432
x_2	0.930								
η /(mPa s)	1.290								
T /°C = 35.0	80S2								
x_2	0.036	0.073	0.111	0.150	0.191	0.232	0.275	0.317	0.366
η /(mPa s)	10.35	9.21	7.94	6.98	6.00	5.48	4.71	4.033	3.493
x_2	0.413	0.463	0.514	0.567	0.622	0.679	0.738	0.800	0.864
η /(mPa s)	3.089	2.820	2.317	2.013	1.831	1.633	1.406	1.322	1.183
x_2	0.930								
η /(mPa s)	1.068								
T /°C = 45.0	80S2								
x_2	0.036	0.073	0.111	0.150	0.191	0.232	0.275	0.317	0.366
η /(mPa s)	7.50	6.72	5.89	5.22	4.55	4.098	3.561	3.042	2.652
x_2	0.413	0.463	0.514	0.567	0.622	0.679	0.738	0.800	0.864
η /(mPa s)	2.449	2.179	1.801	1.643	1.452	1.340	1.152	1.098	0.991
x_2	0.930								
η /(mPa s)	0.898								
T /°C = 25.0	79L1								
x_1	0.000	0.145	0.277	0.396	0.505	0.605	0.697	0.781	0.859
η /(mPa s)	1.3125	1.6057	2.1083	2.8274	3.8168	5.2444	6.8801	9.2243	11.911
x_1	0.930 1.000								
η /(mPa s)	15.0426	19.7877							
T /°C = 30.0	79L1								
x_1	0.000	0.145	0.277	0.396	0.505	0.605	0.697	0.781	0.859
η /(mPa s)	1.1127	1.3401	1.7409	2.2345	2.9408	3.8549	5.0226	6.5888	8.2582
x_1	0.930 1.000								
η /(mPa s)	10.2212	13.2715							
T /°C = 40.0	79L1								
x_1	0.000	0.145	0.277	0.396	0.505	0.605	0.697	0.781	0.859
η /(mPa s)	0.9603	1.2479	1.4185	1.8117	2.3294	3.0015	3.7699	4.8729	6.0025
x_1	0.930 1.000								
η /(mPa s)	7.2551	9.1299							
T /°C = 50.0	79L1								
x_1	0.000	0.145	0.277	0.396	0.505	0.605	0.697	0.781	0.859

η /(mPa s)	0.8449	0.9806	1.2053	1.5223	1.9537	2.3959	2.9424	3.7177	4.4971
x_1	0.930	1.000							
η /(mPa s)	5.3469	6.6663							
T /°C = 60.0									79L1
x_1	0.000	0.145	0.277	0.396	0.505	0.605	0.697	0.781	0.859
η /(mPa s)	0.7485	0.8612	1.0446	1.2643	1.5559	1.9232	2.3482	2.8984	3.4679
x_1	0.930	1.000							
η /(mPa s)	3.9787	4.8393							
T /°C = -10.0									93C2
x_1	0.3950	0.6037	0.6955	0.7792	0.8590	0.9321	1.0000		
ν /(mm ² /s)	7.167	13.59	22.14	35.81	48.88	66.24	98.94		
T /°C = -5.0									93C2
x_1	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	0.8590	0.9321	1.0000
ν /(mm ² /s)	3.679	5.853	8.033	11.27	18.23	27.08	37.03	49.93	71.09
T /°C = 0.0									93C2
x_1	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	0.8590	
ν /(mm ² /s)	2.385	3.265	4.869	6.771	9.346	14.99	20.89	28.46	
x_1	0.9321	1.0000							
ν /(mm ² /s)	38.12	52.42							
T /°C = 5.0									93C2
x_1	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	0.8590	
ν /(mm ² /s)	2.121	2.905	4.124	5.757	7.854	12.43	16.45	22.35	
x_1	0.9321	1.0000							
ν /(mm ² /s)	29.70	39.54							
T /°C = 10.0									93C2
x_1	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	0.8590	
ν /(mm ² /s)	1.898	2.577	3.538	4.938	6.651	10.36	13.16	17.75	
x_1	0.9321	1.0000							
ν /(mm ² /s)	23.40	30.44							
T /°C = 15.0									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
ν /(mm ² /s)	1.383	1.710	2.299	3.084	4.251	5.680	8.708	10.72	
x_1	0.8590	0.9321	1.0000						
ν /(mm ² /s)	14.33	18.72	23.89						
T /°C = 20.0									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
ν /(mm ² /s)	1.272	1.554	2.059	2.706	3.692	4.866	7.364	8.863	
x_1	0.8590	0.9321	1.0000						
ν /(mm ² /s)	11.76	15.12	19.04						

$T/^\circ\text{C} = 25.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	1.171	1.414	1.847	2.405	3.236	4.211	6.261	7.435	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	9.738	12.39	15.44						
$T/^\circ\text{C} = 30.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	1.084	1.297	1.664	2.150	2.854	3.674	5.361	6.322	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	8.161	10.28	12.66						
$T/^\circ\text{C} = 35.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	1.007	1.196	1.515	1.943	2.540	3.224	4.634	5.405	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	6.909	8.612	10.49						
$T/^\circ\text{C} = 40.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	0.9379	1.106	1.381	1.762	2.267	2.854	4.031	4.679	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	5.894	7.301	8.806						
$T/^\circ\text{C} = 45.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	0.8775	1.026	1.265	1.606	2.037	2.534	3.539	4.088	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	5.088	6.248	7.482						
$T/^\circ\text{C} = 50.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	0.8233	0.9567	1.171	1.473	1.844	2.277	3.130	3.595	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	4.432	5.414	6.434						
$T/^\circ\text{C} = 55.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	0.7752	0.8945	1.088	1.357	1.678	2.050	2.783	3.181	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	3.885	4.704	5.532						
$T/^\circ\text{C} = 60.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	0.7298	0.8379	1.017	1.249	1.535	1.857	2.487	2.833	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	3.429	4.136	4.777						

$T/^\circ\text{C} = 65.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	0.6901	0.7885	0.9554	1.161	1.412	1.696	2.246	2.539	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	3.049	3.668	4.192						
$T/^\circ\text{C} = 70.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	0.6555	0.7419	0.9060	1.075	1.305	1.553	2.034	2.287	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	2.723	3.372	3.687						
$T/^\circ\text{C} = 75.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	0.6235	0.7015	0.8633	1.002	1.212	1.433	1.855	2.068	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	2.450	2.926	3.278						
$T/^\circ\text{C} = 80.0$									93C2
x_1	0.0000	0.1441	0.2755	0.3950	0.5041	0.6037	0.6955	0.7792	
$\nu/(\text{mm}^2/\text{s})$	0.5947	0.6619	0.8286	0.9362	1.133	1.331	1.709	1.885	
x_1	0.8590	0.9321	1.0000						
$\nu/(\text{mm}^2/\text{s})$	2.225	2.645	2.909						
1138	C₂H₆O₂ (1) C₄H₁₀O (2)		ethane-1,2-diol butan-1-ol						107-21-1 71-36-3
$T/^\circ\text{C} = 25.0$									72Z1
w_1	0.000	0.115	0.314	0.515	0.714	0.886	1.000		
$\eta/(\text{mPa s})$	2.52	3.00	4.41	6.58	9.82	13.52	16.94		
1139	C₂H₆O₂ (1) C₄H₁₀O₂ (2)		ethane-1,2-diol 1,2-dimethoxy-ethane						107-21-1 110-71-4
$T/^\circ\text{C} = -10.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu/(\text{mm}^2/\text{s})$	98.59	69.88	41.74	26.30	14.96	8.902	5.193	3.112	1.776
x_2	0.8290	1.0000							
$\nu/(\text{mm}^2/\text{s})$	1.087	0.7002							
$T/^\circ\text{C} = -5.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu/(\text{mm}^2/\text{s})$	71.09	50.89	31.61	20.39	12.05	7.378	4.373	2.645	1.598
x_2	0.8290	1.0000							
$\nu/(\text{mm}^2/\text{s})$	1.003	0.6557							

$T/^\circ\text{C} = 0.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu/(\text{mm}^2/\text{s})$	52.42	38.11	24.46	16.24	9.842	6.187	3.771	2.330	1.444
x_2	0.8290	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.9285	0.6220							
$T/^\circ\text{C} = 5.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu/(\text{mm}^2/\text{s})$	39.54	29.14	19.31	13.09	8.167	5.324	3.282	2.078	1.315
x_2	0.8290	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.8592	0.5898							
$T/^\circ\text{C} = 10.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu/(\text{mm}^2/\text{s})$	30.44	22.76	15.46	10.75	6.843	4.552	2.876	1.862	1.203
x_2	0.8290	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.7989	0.5605							
$T/^\circ\text{C} = 15.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu/(\text{mm}^2/\text{s})$	23.89	18.11	12.61	8.907	5.826	3.944	2.544	1.680	1.106
x_2	0.8290	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.7486	0.5338							
$T/^\circ\text{C} = 20.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu/(\text{mm}^2/\text{s})$	19.04	14.57	10.39	7.483	4.993	3.475	2.267	1.523	1.019
x_2	0.8290	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.7006	0.5095							
$T/^\circ\text{C} = 25.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu/(\text{mm}^2/\text{s})$	15.44	11.91	8.663	6.339	4.316	3.056	2.034	1.388	0.9464
x_2	0.8290	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.6595	0.4859							
$T/^\circ\text{C} = 30.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu/(\text{mm}^2/\text{s})$	12.67	9.884	7.208	5.442	3.763	2.714	1.836	1.271	0.8799
x_2	0.8290	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.6216	0.4626							
$T/^\circ\text{C} = 35.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu/(\text{mm}^2/\text{s})$	10.49	8.291	6.114	4.696	3.329	2.436	1.663	1.168	0.8214
x_2	0.8290	1.0000							

$\nu /(\text{mm}^2/\text{s})$	0.5887	0.4417							
$T/^\circ\text{C} = 40.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu /(\text{mm}^2/\text{s})$	8.806	7.018	5.218	4.106	2.949	2.188	1.515	1.081	0.7735
x_2	0.8290	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.5577	0.4235							
$T/^\circ\text{C} = 45.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu /(\text{mm}^2/\text{s})$	7.482	5.988	4.538	3.619	2.620	1.977	1.384	1.011	0.7258
x_2	0.8290	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.5339	0.4052							
$T/^\circ\text{C} = 50.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu /(\text{mm}^2/\text{s})$	6.434	5.167	3.956	3.188	2.350	1.791	1.276	0.9544	0.6839
x_2	0.8290	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.5086	0.3887							
$T/^\circ\text{C} = 55.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu /(\text{mm}^2/\text{s})$	5.532	4.498	3.480	2.839	2.118	1.684	1.180	0.9081	0.6462
x_2	0.8290	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4864	0.3735							
$T/^\circ\text{C} = 60.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu /(\text{mm}^2/\text{s})$	4.777	3.943	3.093	2.545	1.925	1.542	1.091	0.8668	0.6109
x_2	0.8290	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4656	0.3592							
$T/^\circ\text{C} = 65.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu /(\text{mm}^2/\text{s})$	4.192	3.482	2.745	2.289	1.768	1.414	1.015	0.8306	0.5779
x_2	0.8290	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4442	0.3456							
$T/^\circ\text{C} = 70.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu /(\text{mm}^2/\text{s})$	3.688	3.136	2.457	2.075	1.617	1.313	0.9651	0.7936	0.5491
x_2	0.8290	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4232	0.3332							
$T/^\circ\text{C} = 75.0$									94C3
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830
$\nu /(\text{mm}^2/\text{s})$	3.279	2.788	2.215	1.893	1.487	1.214	0.9035	0.7603	0.5231

x_2	0.8290	1.0000								
$\nu/(\text{mm}^2/\text{s})$	0.4061	0.3210								
$T/^\circ\text{C} = 80.0$										
x_2	0.0000	0.0565	0.1187	0.1874	0.2645	0.3499	0.4484	0.5489	0.6830	
$\nu/(\text{mm}^2/\text{s})$	2.909	2.525	1.997	1.738	1.382	1.122	0.8643	0.7302	0.4960	
x_2	0.8290	1.0000								
$\nu/(\text{mm}^2/\text{s})$	0.3850	0.3093								
1140	C₂H₆O₂ (1) C₄H₁₀O₂ (2)		ethane-1,2-diol 2-ethoxy-ethanol						107-21-1 110-80-5	
$T/\text{K} = 293.15$										
x_1	0.0000	0.0923	0.2349	0.3267	0.4103	0.4957	0.5486	0.6451	0.7319	
$\eta/(\text{mPa s})$	2.138	2.519	3.380	4.070	4.910	6.008	6.840	8.722	10.905	
x_1	0.7782	0.8336	0.9075	0.9556	1.0000					
$\eta/(\text{mPa s})$	12.290	14.039	16.877	19.077	20.806					
1141	C₂H₆O₂ (1) C₄H₁₀O₃ (2)		ethane-1,2-diol 2-(2-hydroxy-ethoxy)-ethanol						107-21-1 111-46-6	
$T/\text{K} = 313.15$										
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa s})$	14.7	13.0	11.6	10.4	9.4					
$T/\text{K} = 333.15$										
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa s})$	7.46	6.84	6.20	5.57	5.16					
$T/\text{K} = 353.15$										
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa s})$	4.40	4.00	3.72	3.38	3.15					
$T/^\circ\text{C} = 25.0$										
x_2	0.0000	0.0614	0.1281	0.2009	0.2808	0.3667	0.4677	0.5789	0.7016	
$\eta/(\text{mPa s})$	16.8888	17.5050	18.2064	19.0174	19.7922	20.7385	21.6927	22.8500	24.095	
x_2	0.8394	1.0000								
$\eta/(\text{mPa s})$	25.5658	28.0295								
$T/^\circ\text{C} = 25.0$										
x_2	0.0000	0.0614	0.1281	0.2009	0.2808	0.3667	0.4677	0.5789	0.7016	
$\nu/(\text{mm}^2/\text{s})$	15.2151	15.7603	16.3815	17.1020	17.7875	18.6330	19.4815	20.5117	21.621	
x_2	0.8394	1.0000								
$\nu/(\text{mm}^2/\text{s})$	22.9331	25.1770								

1142	C₂H₆O₂ (1) C₅H₁₂O (2)	ethane-1,2-diol pentan-1-ol						107-21-1 71-41-0	
$T/K = 293.15$								99T1	
x_1	0.0000	0.0857	0.1963	0.2991	0.3697	0.4694	0.5395	0.5964	0.7130
$\eta/(mPa\ s)$	4.030	4.274	4.916	5.660	6.324	7.484	8.676	9.655	12.321
x_1	0.7884	0.8506	0.9407	1.0000					
$\eta/(mPa\ s)$	14.033	15.902	18.941	20.806					
1143	C₂H₆O₂ (1) C₆H₁₀O (2)	ethane-1,2-diol cyclohexanone						107-21-1 108-94-1	
$T/K = 293.15$								99T1	
x_1	0.0000	0.1495	0.2349	0.2930	0.4345	0.5042	0.5172	0.6565	0.6965
$\eta/(mPa\ s)$	2.315	2.735	3.114	3.566	4.882	5.922	6.179	9.855	11.022
x_1	0.7152	0.7398	0.8522	0.8845	1.0000				
$\eta/(mPa\ s)$	11.200	12.401	17.589	18.735	20.806				
1144	C₂H₆O₂ (1) C₆H₁₄O₄ (2)	ethane-1,2-diol 2-[2-(2-hydroxy-ethoxy)-ethoxy]-ethanol						107-21-1 112-27-6	
$T/K = 313.15$								82B1	
w_1	0.00	0.25	0.50	0.75	1.00				
$\eta/(mPa\ s)$	18.9	15.9	13.4	11.3	9.43				
$T/K = 333.15$								82B1	
w_1	0.00	0.25	0.50	0.75	1.00				
$\eta/(mPa\ s)$	9.45	8.08	7.03	5.98	5.16				
$T/K = 353.15$								82B1	
w_1	0.00	0.25	0.50	0.75	1.00				
$\eta/(mPa\ s)$	5.44	4.71	4.12	3.55	3.15				
$T/^\circ C = 25.0$								77I1	
x_2	0.0000	0.0440	0.0943	0.1498	0.2158	0.2910	0.3808	0.4912	0.6194
$\eta/(mPa\ s)$	16.8888	18.2658	19.8694	21.4720	23.2362	25.1194	27.1905	29.4902	31.739
x_2	0.7741	1.0000							
$\eta/(mPa\ s)$	34.1396	37.1298							
$T/^\circ C = 25.0$								77I1	
x_2	0.0000	0.0440	0.0943	0.1498	0.2158	0.2910	0.3808	0.4912	0.6194
$\nu/(mm^2/s)$	15.2151	16.4364	17.8601	19.2816	20.8452	22.5124	24.3534	26.3847	28.379
x_2	0.7741	1.0000							
$\nu/(mm^2/s)$	30.5009	33.1516							

1145	C₂H₆O₂ (1) C₇H₈O (2)	ethane-1,2-diol phenylmethanol						107-21-1 100-51-6	
$T/K = 293.15$									99T1
x_1	0.0000	0.0946	0.1648	0.1834	0.2979	0.4721	0.5503	0.6255	0.6888
$\eta /(\text{mPa s})$	6.536	7.031	7.627	7.781	8.824	10.982	12.180	13.482	14.692
x_1	0.7556	0.7929	0.8219	0.8789	0.9113	1.0000			
$\eta /(\text{mPa s})$	16.050	16.823	17.416	18.747	19.362	20.806			
1146	C₂H₇NO (1) C₃H₈O (2)	2-amino-ethanol propan-1-ol						141-43-5 71-23-8	
$T/K = 303.15$									97L1
x_1	0.0000	0.0998	0.1999	0.3005	0.4000	0.5000	0.6000	0.7000	0.8000
$\eta /(\text{mPa s})$	1.72	2.09	2.56	3.17	3.97	4.94	6.22	7.70	9.64
x_1	0.9000	1.0000							
$\eta /(\text{mPa s})$	12.0	15.0							
$T/K = 313.15$									97L1
x_1	0.0000	0.0998	0.1999	0.3005	0.4000	0.5000	0.6000	0.7000	0.8000
$\eta /(\text{mPa s})$	1.39	1.66	2.00	2.42	2.97	3.63	4.44	5.41	6.62
x_1	0.9000	1.0000							
$\eta /(\text{mPa s})$	8.11	9.94							
$T/K = 323.15$									97L1
x_1	0.0000	0.0998	0.1999	0.3005	0.4000	0.5000	0.6000	0.7000	0.8000
$\eta /(\text{mPa s})$	1.12	1.35	1.59	1.92	2.30	2.75	3.31	3.93	4.73
x_1	0.9000	1.0000							
$\eta /(\text{mPa s})$	5.69	6.87							
1147	C₂H₇NO (1) C₃H₈O (2)	2-amino-ethanol propan-2-ol						141-43-5 67-63-0	
$T/K = 303.15$									95L1
x_1	0.0000	0.1011	0.2002	0.3001	0.4003	0.5001	0.5999	0.7001	0.8000
$\eta /(\text{mPa s})$	0.800	2.11	2.53	3.08	3.86	4.90	6.12	7.70	9.55
x_1	0.9000	1.0000							
$\eta /(\text{mPa s})$	11.9	15.0							
$T/K = 313.15$									95L1
x_1	0.0000	0.1011	0.2002	0.3001	0.4003	0.5001	0.5999	0.7001	0.8000
$\eta /(\text{mPa s})$	0.655	1.63	1.92	2.31	2.88	3.55	4.35	5.37	6.54
x_1	0.9000	1.0000							
$\eta /(\text{mPa s})$	7.97	9.94							

$T/K = 323.15$										95L1
x_1	0.0000	0.1011	0.2002	0.3001	0.4003	0.5001	0.5999	0.7001	0.8000	0.8000
$\eta /(\text{mPa s})$	0.549	1.27	1.49	1.78	2.21	2.65	3.22	3.89	4.68	4.68
x_1	0.9000	1.0000								
$\eta /(\text{mPa s})$	5.64	6.87								
$T/K = 303.15$										95L1
x_1	0.1011	0.2002	0.3001	0.4003	0.5001	0.5999	0.7001	0.8000	0.8000	0.9000
$\nu /(\text{mm}^2/\text{s})$	2.65	3.09	3.67	4.48	5.53	6.73	8.25	9.97	9.97	12.1
$T/K = 313.15$										95L1
x_1	0.1011	0.2002	0.3001	0.4003	0.5001	0.5999	0.7001	0.8000	0.8000	0.9000
$\nu /(\text{mm}^2/\text{s})$	2.07	2.37	2.78	3.37	4.05	4.83	5.80	6.88	6.88	8.17
$T/K = 323.15$										95L1
x_1	0.1011	0.2002	0.3001	0.4003	0.5001	0.5999	0.7001	0.8000	0.8000	0.9000
$\nu /(\text{mm}^2/\text{s})$	1.63	1.86	2.16	2.61	3.05	3.61	4.24	4.98	4.98	5.83
1148	C₂H₇NO (1) C₄H₇NO (2)		2-amino-ethanol pyrrolidin-2-one							141-43-5 616-45-5
$T/^\circ\text{C} = 50.0$										87Z1
x_1	0.1083	0.1848	0.2667	0.3305	0.4970	0.5637	0.6998	0.7564	0.7564	0.8731
$\nu /(\text{mm}^2/\text{s})$	4.94	4.89	4.83	4.81	5.25	5.45	5.78	5.98	5.98	6.46
x_1	1.0000									
$\nu /(\text{mm}^2/\text{s})$	7.02									
$T/^\circ\text{C} = 80.0$										87Z1
x_1	0.1083	0.1848	0.2667	0.3305	0.4970	0.5637	0.6998	0.7564	0.7564	0.8731
$\nu /(\text{mm}^2/\text{s})$	2.49	2.47	2.45	2.44	2.52	2.55	2.68	2.73	2.73	2.89
x_1	1.0000									
$\nu /(\text{mm}^2/\text{s})$	2.95									
1149	C₂H₇NO (1) C₄H₁₁NO₂ (2)		2-amino-ethanol 2-(2-hydroxy-ethylamino)-ethanol							141-43-5 111-42-2
$T/K = 313.15$										82B1
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta /(\text{mPa s})$	186.	89.8	26.8	17.6	10.2					
$T/K = 333.15$										82B1
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta /(\text{mPa s})$	57.5	28.5	11.8	8.14	5.09					
$T/K = 353.15$										82B1
w_1	0.00	0.25	0.50	0.75	1.00					

η /(mPa s)	22.3	12.2	6.18	4.46	2.93
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1150	C₂H₇NO (1) C₆H₁₄O (2)	2-amino-ethanol hexan-1-ol	141-43-5 111-27-3
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$T/K = 303.15$									97L1
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x_1	0.0000	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000
η /(mPa s)	3.84	4.07	4.48	5.04	5.68	6.54	7.62	8.84	10.4

x_1	0.9000	1.0000
η /(mPa s)	12.3	15.0

$T/K = 313.15$									97L1
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x_1	0.0000	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000
η /(mPa s)	2.90	3.08	3.34	3.72	4.15	4.70	5.41	6.17	7.18

x_1	0.9000	1.0000
η /(mPa s)	8.31	9.94

$T/K = 323.15$									97L1
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x_1	0.0000	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000
η /(mPa s)	2.23	2.37	2.57	2.84	3.13	3.51	3.98	4.49	5.16

x_1	0.9000	1.0000
η /(mPa s)	5.88	6.87

1151	C₂H₇NO (1) C₈H₁₈O (2)	2-amino-ethanol octan-1-ol	141-43-5 111-87-5
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$T/K = 303.15$									97L1
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x_1	0.0000	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000
η /(mPa s)	6.24	6.48	6.80	7.36	8.14	9.01	9.97	11.0	12.1

x_1	0.9000	1.0000
η /(mPa s)	13.4	15.0

$T/K = 313.15$									97L1
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x_1	0.0000	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000
η /(mPa s)	4.53	4.68	4.93	5.28	5.77	6.27	6.83	7.48	8.16

x_1	0.9000	1.0000
η /(mPa s)	8.98	9.94

$T/K = 323.15$									97L1
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x_1	0.0000	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000
η /(mPa s)	3.37	3.49	3.68	3.92	4.23	4.55	4.90	5.34	5.79

x_1	0.9000	1.0000
η /(mPa s)	6.29	6.87

1152	C₂H₇NO₂S (1)	N-methyl-methanesulfonamide	1184-85-6
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	C₃H₈O (2)		propan-1-ol					71-23-8	
<i>T/K</i> = 303.15									
<i>x</i> ₁	0.0000	0.0998	0.2022	0.3489	0.3995	0.5106	0.6040	0.7003	0.7965
<i>η</i> /(mPa s)	1.728	1.744	1.915	2.307	2.463	2.906	3.395	4.060	4.974
<i>x</i> ₁	0.8968	1.0000							
<i>η</i> /(mPa s)	6.339	8.242							
<i>T/K</i> = 333.15									
<i>x</i> ₁	0.0000	0.0998	0.2022	0.3489	0.3995	0.5106	0.6040	0.7003	0.7965
<i>η</i> /(mPa s)	0.892	0.926	1.019	1.214	1.304	1.511	1.742	2.048	2.432
<i>x</i> ₁	0.8968	1.0000							
<i>η</i> /(mPa s)	2.970	3.657							
1153	C₂H₇NO₂S (1) C₃H₈O (2)		N-methyl-methanesulfonamide propan-2-ol					1184-85-6 67-63-0	
<i>T/K</i> = 303.15									
<i>x</i> ₁	0.0000	0.1081	0.1975	0.2889	0.3978	0.4951	0.5931	0.6923	0.8034
<i>η</i> /(mPa s)	1.779	1.781	1.923	2.151	2.500	2.915	3.435	4.117	5.177
<i>x</i> ₁	0.9041	1.0000							
<i>η</i> /(mPa s)	6.485	8.242							
<i>T/K</i> = 333.15									
<i>x</i> ₁	0.0000	0.1081	0.1975	0.2889	0.3978	0.4951	0.5931	0.6923	0.8034
<i>η</i> /(mPa s)	0.795	0.868	0.955	1.085	1.269	1.474	1.721	2.037	2.493
<i>x</i> ₁	0.9041	1.0000							
<i>η</i> /(mPa s)	3.010	3.657							
1154	C₂H₇NO₂S (1) C₄H₈O₂ (2)		N-methyl-methanesulfonamide 1,4-dioxane					1184-85-6 123-91-1	
<i>T/K</i> = 303.15									
<i>x</i> ₁	0.0000	0.1054	0.1979	0.2938	0.3933	0.4936	0.5942	0.6881	0.7993
<i>η</i> /(mPa s)	1.099	1.353	1.651	2.023	2.489	3.106	3.829	4.606	5.663
<i>x</i> ₁	0.8980	1.0000							
<i>η</i> /(mPa s)	6.815	8.242							
<i>T/K</i> = 333.15									
<i>x</i> ₁	0.0000	0.1054	0.1979	0.2938	0.3933	0.4936	0.5942	0.6881	0.7993
<i>η</i> /(mPa s)	0.701	0.833	0.993	1.185	1.395	1.677	1.980	2.300	2.738
<i>x</i> ₁	0.8980	1.0000							
<i>η</i> /(mPa s)	3.164	3.657							

1155	C₂H₇NO₂S (1) C₄H₉NO (2)	N-methyl-methanesulfonamide N,N-dimethyl-acetamide							1184-85-6 127-19-5
<i>T</i> /K = 303.15									80P1
<i>x</i> ₁	0.0000	0.1009	0.2022	0.2303	0.4082	0.4802	0.6009	0.7019	0.7958
<i>η</i> /(mPa s)	0.873	1.104	1.473	1.578	2.571	3.127	4.202	5.204	6.184
<i>x</i> ₁	0.8966	1.0000							
<i>η</i> /(mPa s)	7.185	8.242							
<i>T</i> /K = 333.15									80P1
<i>x</i> ₁	0.0000	0.1009	0.2022	0.2303	0.4082	0.4802	0.6009	0.7019	0.7958
<i>η</i> /(mPa s)	0.664	0.741	0.918	0.966	1.417	1.611	2.086	2.474	2.825
<i>x</i> ₁	0.8966	1.0000							
<i>η</i> /(mPa s)	3.210	3.657							
1156	C₂H₇NO₂S (1) C₄H₁₀O (2)	N-methyl-methanesulfonamide butan-1-ol							1184-85-6 71-36-3
<i>T</i> /K = 303.15									83P2
<i>x</i> ₁	0.0000	0.1004	0.2007	0.3030	0.3850	0.4975	0.5967	0.6966	0.7942
<i>η</i> /(mPa s)	2.271	2.192	2.318	2.552	2.781	3.172	3.600	4.186	4.990
<i>x</i> ₁	0.8934	1.0000							
<i>η</i> /(mPa s)	6.200	8.242							
<i>T</i> /K = 333.15									83P2
<i>x</i> ₁	0.0000	0.1004	0.2007	0.3030	0.3850	0.4975	0.5967	0.6966	0.7942
<i>η</i> /(mPa s)	1.124	1.127	1.193	1.299	1.409	1.595	1.802	2.076	2.427
<i>x</i> ₁	0.8934	1.0000							
<i>η</i> /(mPa s)	2.913	3.657							
1157	C₂H₇NO₂S (1) C₄H₁₀O (2)	N-methyl-methanesulfonamide 2-methyl-propan-2-ol							1184-85-6 75-65-0
<i>T</i> /K = 303.15									83P2
<i>x</i> ₁	0.0000	0.1028	0.2064	0.3092	0.4056	0.5090	0.6051	0.7072	0.8003
<i>η</i> /(mPa s)	3.378	3.466	3.645	3.907	4.225	4.636	5.082	5.665	6.328
<i>x</i> ₁	0.8973	1.0000							
<i>η</i> /(mPa s)	7.213	8.242							
<i>T</i> /K = 333.15									83P2
<i>x</i> ₁	0.0000	0.1028	0.2064	0.3092	0.4056	0.5090	0.6051	0.7072	0.8003
<i>η</i> /(mPa s)	0.982	1.150	1.328	1.519	1.717	1.954	2.197	2.499	2.818
<i>x</i> ₁	0.8973	1.0000							
<i>η</i> /(mPa s)	3.206	3.657							

1158	C₂H₇NO₂S (1) C₅H₅N (2)	N-methyl-methanesulfonamide pyridine							1184-85-6 110-86-1
<i>T</i> /K = 303.15									80P1
<i>x</i> ₁	0.0000	0.1002	0.1975	0.2809	0.4030	0.5037	0.5728	0.7024	0.8000
<i>η</i> /(mPa s)	0.828	1.039	1.310	1.610	2.214	2.832	3.346	4.520	5.676
<i>x</i> ₁	0.8940	1.0000							
<i>η</i> /(mPa s)	6.925	8.242							
<i>T</i> /K = 333.15									80P1
<i>x</i> ₁	0.0000	0.1002	0.1975	0.2809	0.4030	0.5037	0.5728	0.7024	0.8000
<i>η</i> /(mPa s)	0.575	0.695	0.842	0.994	1.280	1.551	1.770	2.252	2.700
<i>x</i> ₁	0.8940	1.0000							
<i>η</i> /(mPa s)	3.172	3.657							
1159	C₂H₈N₂ (1) C₄H₅NS (2)	ethane-1,2-diamine 3-isothiocyanato-prop-1-ene							107-15-3 57-06-7
<i>T</i> /°C = 40.0									58D1
<i>x</i> ₂	0.0000	0.1500	0.2794	0.4515	0.4948	0.5496	0.5994	0.6670	0.7502
<i>η</i> /(mPa s)	0.7611	2.956	6.678	71.457	155.38	648.50	2470.4	61097.	281.41
<i>x</i> ₂	0.8510	1.0000							
<i>η</i> /(mPa s)	55.48	0.592							
1160	C₂H₈N₂ (1) C₅H₅N (2)	ethane-1,2-diamine pyridine							107-15-3 110-86-1
<i>T</i> /°C = 25.0									65F3
<i>x</i> ₁	0.0000	0.1427	0.2153	0.3486	0.4284	0.5122	0.6287	0.7270	0.8406
<i>η</i> /(mPa s)	0.899	0.908	0.912	0.938	0.965	0.987	1.054	1.106	1.190
<i>x</i> ₁	1.0000								
<i>η</i> /(mPa s)	1.50								
<i>T</i> /°C = 50.0									65F3
<i>x</i> ₁	0.0000	0.1427	0.2153	0.3486	0.4284	0.5122	0.6287	0.7270	0.8406
<i>η</i> /(mPa s)	0.610	0.633	0.630	0.642	0.667	0.667	0.689	0.776	0.749
<i>x</i> ₁	1.0000								
<i>η</i> /(mPa s)	0.795								
<i>T</i> /°C = 75.0									65F3
<i>x</i> ₁	0.0000	0.1427	0.2153	0.3486	0.4284	0.5122	0.6287	0.7270	0.8406
<i>η</i> /(mPa s)	0.492	0.471	0.472	0.468	0.487	0.480	0.493	0.518	0.517
<i>x</i> ₁	1.0000								
<i>η</i> /(mPa s)	0.560								

1161	C₂H₈N₂ (1) C₆H₇N (2)	ethane-1,2-diamine aniline						107-15-3 62-53-3	
<i>T</i> /°C = 25.0									65F3
<i>x</i> ₁	0.0000	0.0904	0.2318	0.3718	0.4721	0.5664	0.6692	0.7527	0.8334
<i>η</i> /(mPa s)	3.71	3.58	3.43	3.11	2.89	2.47	2.18	1.93	1.71
<i>x</i> ₁	0.9028	1.0000							
<i>η</i> /(mPa s)	1.55	1.50							
<i>T</i> /°C = 50.0									65F3
<i>x</i> ₁	0.0000	0.0904	0.2318	0.3718	0.4721	0.5664	0.6692	0.7527	0.8334
<i>η</i> /(mPa s)	1.91	1.81	1.72	1.62	1.51	1.36	1.26	1.14	1.02
<i>x</i> ₁	0.9028	1.0000							
<i>η</i> /(mPa s)	0.950	0.795							
<i>T</i> /°C = 75.0									65F3
<i>x</i> ₁	0.0000	0.2318	0.3718	0.4721	0.5664	0.6692	0.7527	0.8334	
<i>η</i> /(mPa s)	1.13	1.02	0.960	0.920	0.860	0.810	0.740	0.680	
<i>x</i> ₁	0.9028	1.0000							
<i>η</i> /(mPa s)	0.640	0.560							
1162	C₂H₈N₂ (1) C₇H₈O (2)	ethane-1,2-diamine 2-methyl-phenol						107-15-3 95-48-7	
<i>T</i> /°C = 32.0									89R7
<i>x</i> ₂	0.0671	0.1394	0.2174	0.3016	0.3931	0.4928	0.6019	0.7216	0.8535
<i>η</i> /(mPa s)	3.90	9.83	11.49	14.05	25.76	26.35	19.20	12.45	9.16
<i>T</i> /°C = 35.0									89R7
<i>x</i> ₂	0.0671	0.1394	0.2174	0.3016	0.3931	0.4928	0.6019	0.7216	0.8535
<i>η</i> /(mPa s)	2.99	8.67	10.76	13.50	24.01	23.60	18.70	11.90	8.50
<i>T</i> /°C = 38.0									89R7
<i>x</i> ₂	0.0671	0.1394	0.2174	0.3016	0.3931	0.4928	0.6019	0.7216	0.8535
<i>η</i> /(mPa s)	2.40	5.50	8.10	12.74	18.90	21.81	12.08	10.91	8.69
<i>T</i> /°C = 41.0									89R7
<i>x</i> ₂	0.0671	0.1394	0.2174	0.3016	0.3931	0.4928	0.6019	0.7216	0.8535
<i>η</i> /(mPa s)	1.90	4.41	7.40	12.05	16.50	17.15	12.37	10.36	7.21
1163	C₂H₈N₂ (1) C₈H₁₁N (2)	ethane-1,2-diamine N-ethyl-aniline						107-15-3 103-69-5	
<i>T</i> /°C = 25.0									65F3
<i>x</i> ₁	0.0000	0.3550	0.5022	0.6185	0.7897	1.0000			

η /(mPa s)	1.95	2.16	2.14	1.93	1.65	1.50			
T /°C = 50.0									65F3
x_1	0.0000	0.3550	0.5022	0.6185	0.7897	1.0000			
η /(mPa s)	1.14	1.18	1.20	1.11	1.01	0.795			
T /°C = 75.0									65F3
x_1	0.0000	0.3550	0.5022	0.6185	0.7897	1.0000			
η /(mPa s)	0.750	0.752	0.760	0.730	0.670	0.560			
1164	C₂H₈N₂ (1) C₉H₇N (2)		ethane-1,2-diamine quinoline						107-15-3 91-22-5
T /°C = 25.0									65F3
x_1	0.0000	0.1560	0.2748	0.3681	0.5024	0.5993	0.7142	0.7322	1.0000
η /(mPa s)	3.35	2.90	2.58	2.37	2.07	1.92	1.73	1.72	1.50
T /°C = 50.0									65F3
x_1	0.0000	0.1560	0.2748	0.3681	0.5024	0.5993	0.7142	0.7322	0.9059
η /(mPa s)	1.89	1.71	1.51	1.46	1.26	1.16	1.05	1.04	0.936
x_1	1.0000								
η /(mPa s)	0.795								
T /°C = 75.0									65F3
x_1	0.0000	0.1560	0.2748	0.3681	0.5024	0.5993	0.7322	0.9059	1.0000
η /(mPa s)	1.22	1.09	0.987	0.962	0.824	0.801	0.719	0.641	0.560
1165	C₂H₈N₂ (1) C₁₀H₁₅N (2)		ethane-1,2-diamine N,N-diethyl-aniline						107-15-3 91-66-7
T /°C = 25.0									65F3
x_1	0.0000	0.2587	0.5031	0.7434	1.0000				
η /(mPa s)	1.93	1.61	1.46	1.29	1.50				
T /°C = 50.0									65F3
x_1	0.0000	0.2587	0.5031	0.7434	1.0000				
η /(mPa s)	1.15	1.01	0.900	0.769	0.795				
T /°C = 75.0									65F3
x_1	0.0000	0.2587	0.5031	0.7434	1.0000				
η /(mPa s)	0.750	0.686	0.613	0.587	0.560				
1166	C₂H₈N₂ (1) C₁₂H₁₁N (2)		ethane-1,2-diamine diphenylamine						107-15-3 122-39-4
T /°C = 25.0									65F2
x_2	0.0000	0.0207	0.1506	0.3045	0.4310	0.5013	0.5889	0.6155	

η /(mPa s)	1.40	1.50	3.45	5.77	10.28	14.83	19.52	23.74	
T /°C = 50.0									65F2
x_2	0.0000	0.0207	0.1506	0.3045	0.4310	0.5013	0.5889	0.6155	0.7171
η /(mPa s)	0.846	0.905	1.44	2.64	3.67	4.63	5.17	5.42	6.16
x_2	0.8579	1.0000							
η /(mPa s)	6.20	5.95							
T /°C = 75.0									65F2
x_2	0.0000	0.0207	0.1506	0.3045	0.4310	0.5013	0.5889	0.6155	0.7171
η /(mPa s)	0.560	0.597	0.873	1.41	1.77	2.16	2.27	2.40	2.53
x_2	0.8579	1.0000							
η /(mPa s)	2.58	2.69							

1167	C₃H₃N (1)		acrylonitrile						107-13-1
	C₃H₆O₂ (2)		acetic acid methyl ester						79-20-9
T /K = 298.15									98A2
x_1	0.0000	0.0617	0.1961	0.3042	0.4041	0.5024	0.6004	0.7033	0.8037
η /(mPa s)	0.391	0.389	0.385	0.380	0.375	0.370	0.365	0.360	0.355
x_1	0.8416	1.0000							
η /(mPa s)	0.353	0.344							
T /K = 303.15									98A2
x_1	0.0000	0.0617	0.1961	0.3042	0.4041	0.5024	0.6004	0.7033	0.8037
η /(mPa s)	0.372	0.371	0.367	0.362	0.357	0.353	0.348	0.343	0.336
x_1	0.8416	1.0000							
η /(mPa s)	0.333	0.324							
T /K = 308.15									98A2
x_1	0.0000	0.0617	0.1961	0.3042	0.4041	0.5024	0.6004	0.7033	0.8037
η /(mPa s)	0.355	0.354	0.351	0.349	0.345	0.340	0.335	0.330	0.322
x_1	0.8416	1.0000							
η /(mPa s)	0.319	0.309							

1168	C₃H₃N (1)		acrylonitrile						107-13-1
	C₃H₈O (2)		propan-1-ol						71-23-8
T /K = 298.15									99A4
x_1	0.0000	0.1031	0.2030	0.3070	0.4079	0.5104	0.6066	0.7057	0.8002
η /(mPa s)	1.941	1.409	1.074	0.850	0.688	0.578	0.497	0.435	0.393
x_1	0.9032	1.0000							
η /(mPa s)	0.360	0.339							
T /K = 303.15									99A4
x_1	0.0000	0.1031	0.2030	0.3070	0.4079	0.5104	0.6066	0.7057	0.8002

η /(mPa s)	1.722	1.264	0.975	0.778	0.635	0.538	0.465	0.412	0.373
x_1	0.9032	1.0000							
η /(mPa s)	0.343	0.326							
T /K = 308.15									99A4
x_1	0.0000	0.1031	0.2030	0.3070	0.4079	0.5104	0.6066	0.7057	0.8002
η /(mPa s)	1.543	1.139	0.888	0.710	0.590	0.503	0.438	0.389	0.355
x_1	0.9032	1.0000							
η /(mPa s)	0.328	0.312							
1169	C₃H₃N (1) C₄H₈O₂ (2)		acrylonitrile acetic acid ethyl ester						107-13-1 141-78-6
T /K = 298.15									98A2
x_1	0.0000	0.1002	0.2025	0.3034	0.4047	0.5034	0.5994	0.7007	0.8021
η /(mPa s)	0.457	0.442	0.429	0.420	0.408	0.400	0.390	0.381	0.369
x_1	0.9003	1.0000							
η /(mPa s)	0.358	0.344							
T /K = 303.15									98A2
x_1	0.0000	0.1002	0.2025	0.3034	0.4047	0.5034	0.5994	0.7007	0.8021
η /(mPa s)	0.437	0.419	0.406	0.397	0.387	0.379	0.368	0.364	0.358
x_1	0.9003	1.0000							
η /(mPa s)	0.349	0.324							
T /K = 308.15									98A2
x_1	0.0000	0.1002	0.2025	0.3034	0.4047	0.5034	0.5994	0.7007	0.8021
η /(mPa s)	0.421	0.398	0.383	0.377	0.369	0.361	0.352	0.351	0.344
x_1	0.9003	1.0000							
η /(mPa s)	0.328	0.309							
1170	C₃H₃N (1) C₄H₁₀O (2)		acrylonitrile butan-1-ol						107-13-1 71-36-3
T /K = 298.15									99A4
x_1	0.0000	0.1054	0.2059	0.3050	0.4063	0.5073	0.6039	0.6962	0.8074
η /(mPa s)	2.532	1.797	1.363	1.065	0.849	0.690	0.581	0.499	0.429
x_1	0.9006	1.0000							
η /(mPa s)	0.386	0.339							
T /K = 303.15									99A4
x_1	0.0000	0.1054	0.2059	0.3050	0.4063	0.5073	0.6039	0.6962	0.8074
η /(mPa s)	2.209	1.596	1.221	0.965	0.776	0.637	0.539	0.468	0.407
x_1	0.9006	1.0000							
η /(mPa s)	0.369	0.326							

$T/K = 308.15$										99A4
x_1	0.0000	0.1054	0.2059	0.3050	0.4063	0.5073	0.6039	0.6962	0.8074	
$\eta /(\text{mPa s})$	1.949	1.424	1.102	0.881	0.714	0.594	0.505	0.442	0.385	
x_1	0.9006	1.0000								
$\eta /(\text{mPa s})$	0.352	0.312								
1171	C₃H₃N (1) C₄H₁₀O (2)		acrylonitrile butan-2-ol							107-13-1 78-92-2
$T/K = 298.15$										99A4
x_1	0.0000	0.1033	0.2014	0.3010	0.4055	0.5087	0.6049	0.7009	0.8030	
$\eta /(\text{mPa s})$	2.925	1.828	1.319	0.990	0.775	0.630	0.536	0.456	0.418	
x_1	0.8992	1.0000								
$\eta /(\text{mPa s})$	0.378	0.339								
$T/K = 303.15$										99A4
x_1	0.0000	0.1033	0.2014	0.3010	0.4055	0.5087	0.6049	0.7009	0.8030	
$\eta /(\text{mPa s})$	2.417	1.567	1.165	0.887	0.704	0.582	0.499	0.438	0.391	
x_1	0.8992	1.0000								
$\eta /(\text{mPa s})$	0.358	0.326								
$T/K = 308.15$										99A4
x_1	0.0000	0.1033	0.2014	0.3010	0.4055	0.5087	0.6049	0.7009	0.8030	
$\eta /(\text{mPa s})$	2.011	1.361	1.024	0.799	0.644	0.539	0.465	0.413	0.373	
x_1	0.8992	1.0000								
$\eta /(\text{mPa s})$	0.342	0.312								
1172	C₃H₃N (1) C₅H₁₀O₂ (2)		acrylonitrile acetic acid propyl ester							107-13-1 109-60-4
$T/K = 298.15$										98A2
x_1	0.0000	0.1052	0.1835	0.2994	0.4057	0.4982	0.6097	0.7023	0.8019	
$\eta /(\text{mPa s})$	0.563	0.540	0.524	0.500	0.479	0.459	0.435	0.411	0.387	
x_1	0.9010	1.0000								
$\eta /(\text{mPa s})$	0.362	0.344								
$T/K = 303.15$										98A2
x_1	0.0000	0.1052	0.1835	0.2994	0.4057	0.4982	0.6097	0.7023	0.8019	
$\eta /(\text{mPa s})$	0.524	0.504	0.489	0.470	0.452	0.434	0.411	0.391	0.368	
x_1	0.9010	1.0000								
$\eta /(\text{mPa s})$	0.345	0.324								
$T/K = 308.15$										98A2
x_1	0.0000	0.1052	0.1835	0.2994	0.4057	0.4982	0.6097	0.7023	0.8019	
$\eta /(\text{mPa s})$	0.489	0.472	0.460	0.442	0.428	0.411	0.392	0.372	0.352	

x_1	0.9010	1.0000
η /(mPa s)	0.331	0.309

1173	C₃H₃N (1) C₅H₁₂O (2)	acrylonitrile pentan-1-ol	107-13-1 71-41-0
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T /K = 298.15									99A4
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x_1	0.0000	0.1032	0.2077	0.3006	0.4053	0.5035	0.6091	0.7025	0.8042
η /(mPa s)	3.388	2.405	1.777	1.384	1.064	0.847	0.668	0.558	0.464

x_1	0.9004	1.0000
η /(mPa s)	0.401	0.339

T /K = 303.15									99A4
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x_1	0.0000	0.1032	0.2077	0.3006	0.4053	0.5035	0.6091	0.7025	0.8042
η /(mPa s)	2.925	2.107	1.580	1.240	0.965	0.774	0.619	0.520	0.436

x_1	0.9004	1.0000
η /(mPa s)	0.382	0.326

T /K = 308.15									99A4
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x_1	0.0000	0.1032	0.2077	0.3006	0.4053	0.5035	0.6091	0.7025	0.8042
η /(mPa s)	2.543	1.860	1.413	1.122	0.879	0.715	0.577	0.488	0.416

x_1	0.9004	1.0000
η /(mPa s)	0.364	0.312

1174	C₃H₃N (1) C₆H₆ (2)	acrylonitrile benzene	107-13-1 71-43-2
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T /K = 307.4									87Y1
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x_1	0.0000	0.0966	0.2512	0.4788	0.5188	0.6633	0.8844	1.0000
η /(mPa s)	0.530	0.494	0.448	0.395	0.386	0.357	0.320	0.309

1175	C₃H₃N (1) C₆H₁₂ (2)	acrylonitrile cyclohexane	107-13-1 110-82-7
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T /K = 307.4									87Y1
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x_1	0.0000	0.0861	0.2848	0.5332	0.5440	0.7114	0.8989	1.0000
η /(mPa s)	0.760	0.660	0.530	0.419	0.396	0.359	0.318	0.309

1176	C₃H₃N (1) C₆H₁₂O₂ (2)	acrylonitrile acetic acid butyl ester	107-13-1 123-86-4
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T /K = 298.15									98A2
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x_1	0.0000	0.0990	0.1971	0.2999	0.4040	0.5006	0.5992	0.7004	0.8014
η /(mPa s)	0.675	0.651	0.626	0.596	0.561	0.526	0.488	0.449	0.412

x_1	0.9031	1.0000							
η /(mPa s)	0.374	0.344							
$T/K = 303.15$									98A2
x_1	0.0000	0.0990	0.1971	0.2999	0.4040	0.5006	0.5992	0.7004	0.8014
η /(mPa s)	0.631	0.607	0.582	0.553	0.524	0.490	0.458	0.421	0.384
x_1	0.9031	1.0000							
η /(mPa s)	0.349	0.324							
$T/K = 308.15$									98A2
x_1	0.0000	0.0990	0.1971	0.2999	0.4040	0.5006	0.5992	0.7004	0.8014
η /(mPa s)	0.593	0.571	0.547	0.522	0.494	0.464	0.433	0.398	0.365
x_1	0.9031	1.0000							
η /(mPa s)	0.330	0.309							
1177	C₃H₃N (1) C₆H₁₄O (2)		acrylonitrile hexan-1-ol						107-13-1 111-27-3
$T/K = 298.15$									99A4
x_1	0.0000	0.1023	0.2036	0.3089	0.4105	0.5081	0.6117	0.7084	0.8056
η /(mPa s)	4.394	3.139	2.308	1.705	1.300	1.006	0.774	0.617	0.495
x_1	0.9019	1.0000							
η /(mPa s)	0.410	0.339							
$T/K = 303.15$									99A4
x_1	0.0000	0.1023	0.2036	0.3089	0.4105	0.5081	0.6117	0.7084	0.8056
η /(mPa s)	3.733	2.727	2.030	1.522	1.175	0.914	0.712	0.571	0.466
x_1	0.9019	1.0000							
η /(mPa s)	0.388	0.326							
$T/K = 308.15$									99A4
x_1	0.0000	0.1023	0.2036	0.3089	0.4105	0.5081	0.6117	0.7084	0.8056
η /(mPa s)	3.213	2.380	1.799	1.365	1.063	0.840	0.661	0.533	0.439
x_1	0.9019	1.0000							
η /(mPa s)	0.370	0.312							
1178	C₃H₃N (1) C₇H₁₄O₂ (2)		acrylonitrile acetic acid 3-methyl-but-2-yl ester						107-13-1 5343-96-4
$T/K = 298.15$									98A2
x_1	0.0000	0.0960	0.1903	0.2870	0.3796	0.4771	0.5820	0.6783	0.7861
η /(mPa s)	0.795	0.761	0.726	0.684	0.641	0.595	0.540	0.493	0.440
x_1	0.8940	1.0000							
η /(mPa s)	0.388	0.344							
$T/K = 303.15$									98A2

x_1	0.0000	0.0960	0.1903	0.2870	0.3796	0.4771	0.5820	0.6783	0.7861
η /(mPa s)	0.740	0.710	0.681	0.641	0.601	0.558	0.510	0.465	0.417
x_1	0.8940	1.0000							
η /(mPa s)	0.370	0.324							
T /K = 308.15									98A2
x_1	0.0000	0.0960	0.1903	0.2870	0.3796	0.4771	0.5820	0.6783	0.7861
η /(mPa s)	0.690	0.663	0.639	0.604	0.565	0.526	0.480	0.440	0.396
x_1	0.8940	1.0000							
η /(mPa s)	0.353	0.309							
1179	C₃H₃N (1) C₇H₁₆O (2)		acrylonitrile heptan-1-ol						107-13-1 111-70-6
T /K = 298.15									99A4
x_1	0.0000	0.1047	0.2060	0.3057	0.4142	0.5106	0.6206	0.7044	0.8027
η /(mPa s)	5.652	4.015	2.967	2.212	1.627	1.238	0.891	0.705	0.540
x_1	0.9033	1.0000							
η /(mPa s)	0.425	0.339							
T /K = 303.15									99A4
x_1	0.0000	0.1047	0.2060	0.3057	0.4142	0.5106	0.6206	0.7044	0.8027
η /(mPa s)	4.759	3.469	2.587	1.958	1.441	1.189	0.815	0.652	0.508
x_1	0.9033	1.0000							
η /(mPa s)	0.403	0.326							
T /K = 308.15									99A4
x_1	0.0000	0.1047	0.2060	0.3057	0.4142	0.5106	0.6206	0.7044	0.8027
η /(mPa s)	4.045	3.000	2.273	1.730	1.296	1.013	0.750	0.605	0.478
x_1	0.9033	1.0000							
η /(mPa s)	0.383	0.312							
1180	C₃H₃N (1) C₈H₁₀ (2)		acrylonitrile 1,4-dimethyl-benzene						107-13-1 106-42-3
T /K = 307.4									87Y1
x_1	0.0000	0.1092	0.3082	0.5430	0.6189	0.7270	0.9097	1.0000	
η /(mPa s)	0.539	0.510	0.469	0.414	0.394	0.368	0.329	0.309	
1181	C₃H₃N (1) C₉H₁₂ (2)		acrylonitrile 1,3,5-trimethyl-benzene						107-13-1 108-67-8
T /K = 307.4									87Y1
x_1	0.0000	0.1210	0.3367	0.5736	0.6490	0.7535	0.9118	1.0000	
η /(mPa s)	0.584	0.551	0.495	0.424	0.406	0.373	0.332	0.309	

1182	C₃H₃NS (1) C₆H₆ (2)		thiazole benzene						288-47-1 71-43-2
<i>T</i> /°C = 25.0									68M3
<i>x</i> ₂	0.0000	0.2726	0.4945	0.7378	0.7879	0.8324	0.8816	0.9370	1.0000
<i>η</i> /(mPa s)	1.007	0.8667	0.772	0.692	0.695	0.677	0.6478	0.630	0.6017
1183	C₃H₃NS (1) C₆H₁₂ (2)		thiazole cyclohexane						288-47-1 110-82-7
<i>T</i> /°C = 25.0									67M1
<i>x</i> ₂	0.0000	0.0615	0.1159	0.1643	0.2532	0.5092	0.7552	0.8532	1.0000
<i>η</i> /(mPa s)	1.0075	0.9580	0.9280	0.9040	0.8753	0.8119	0.7891	0.8439	0.8770
1184	C₃H₄O₃ (1) C₃H₆O₃ (2)		1,3-dioxolan-2-one carbonic acid dimethyl ester						96-49-1 616-38-6
<i>T</i> /K = 298.15									97N1
<i>x</i> ₂	0.0000	0.0802	0.1660	0.2441	0.3467	0.4421	0.5442	0.6512	0.7610
<i>η</i> /(mPa s)	2.263	2.043	1.830	1.656	1.452	1.285	1.127	0.983	0.854
<i>x</i> ₂	0.8513	1.0000							
<i>η</i> /(mPa s)	0.761	0.629							
<i>T</i> /K = 313.15									97N1
<i>x</i> ₂	0.0000	0.0802	0.1660	0.2441	0.3467	0.4421	0.5442	0.6512	0.7610
<i>η</i> /(mPa s)	1.879	1.688	1.506	1.357	1.184	1.042	0.910	0.789	0.682
<i>x</i> ₂	0.8513	1.0000							
<i>η</i> /(mPa s)	0.604	0.496							
1185	C₃H₄O₃ (1) C₃H₇NO (2)		1,3-dioxolan-2-one N-methyl-acetamide						96-49-1 79-16-3
<i>T</i> /°C = 40.0									71S3
<i>w</i> ₁	0.0000	0.0886	0.2076	0.3234	0.4265	0.5264	0.6173	0.7122	0.8019
<i>η</i> /(mPa s)	3.012	2.732	2.456	2.246	2.099	1.984	1.903	1.845	1.814
<i>w</i> ₁	0.8888	0.9736	1.0000						
<i>η</i> /(mPa s)	1.824	1.893	1.930						
1186	C₃H₅N (1) C₃H₆O (2)		propionitrile propan-2-one						107-12-0 67-64-1
<i>T</i> /°C = 20.0									61L1

x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
η /(mPa s)	0.355	0.373	0.390	0.400	0.406	0.428	0.449		
1187	C₃H₅N (1) C₃H₆O₂ (2)		propionitrile acetic acid methyl ester						107-12-0 79-20-9
T /K = 298.15									95O1
x_1	0.0000	0.1119	0.2022	0.2958	0.4008	0.4952	0.5946	0.6967	0.7985
η /(mPa s)	0.3442	0.3500	0.3551	0.3608	0.3657	0.3692	0.3732	0.3773	0.3811
x_1	0.9022	1.0000							
η /(mPa s)	0.3857	0.3886							
1188	C₃H₅N (1) C₃H₇NO (2)		propionitrile N,N-dimethyl-formamide						107-12-0 68-12-2
T /K = 298.15									95O2
x_1	0.0000	0.1013	0.1952	0.3003	0.4007	0.4949	0.5976	0.6964	0.7945
η /(mPa s)	0.7675	0.6977	0.6428	0.5983	0.5648	0.5385	0.5113	0.4839	0.4533
x_1	0.9000	1.0000							
η /(mPa s)	0.4186	0.3886							
1189	C₃H₅N (1) C₃H₈O (2)		propionitrile propan-1-ol						107-12-0 71-23-8
T /°C = 20.0									61L1
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
η /(mPa s)	2.215	1.231	0.820	0.700	0.612	0.500	0.449		
1190	C₃H₅N (1) C₄H₈O₂ (2)		propionitrile acetic acid ethyl ester						107-12-0 141-78-6
T /K = 298.15									95O1
x_1	0.0000	0.1019	0.1916	0.2921	0.3979	0.4953	0.5954	0.6959	0.7981
η /(mPa s)	0.4026	0.4034	0.4041	0.4038	0.4025	0.4012	0.3976	0.3954	0.3935
x_1	0.9006	1.0000							
η /(mPa s)	0.3915	0.3886							
1191	C₃H₅N (1) C₄H₉NO (2)		propionitrile N,N-dimethyl-acetamide						107-12-0 127-19-5
T /K = 298.15									95O2
x_1	0.0000	0.0935	0.2000	0.3021	0.3926	0.4985	0.5950	0.6990	0.7950
η /(mPa s)	0.8769	0.8264	0.7648	0.7092	0.6613	0.6082	0.5621	0.5131	0.4684

x_1 0.9013 1.0000
 η /(mPa s) 0.4250 0.3886

1192 **C₃H₅N (1)** **propionitrile** **107-12-0**
C₆H₁₂O₂ (2) **acetic acid butyl ester** **123-86-4**

T /K = 298.15 95O1

x_1 0.0000 0.1100 0.2014 0.2942 0.4034 0.5034 0.5940 0.7008 0.7980
 η /(mPa s) 0.6438 0.6161 0.5958 0.5799 0.5557 0.5332 0.5076 0.4785 0.4496

x_1 0.8966 1.0000
 η /(mPa s) 0.4190 0.3886

1193 **C₃H₅NS (1)** **isothiocyanato-ethane** **542-85-8**
C₅H₁₁N (2) **piperidine** **110-89-4**

T /°C = 25.0 13K2

x_2 0.00 0.05 0.25 0.45 0.50 0.55 0.75 0.95 1.00
 η /(mPa s) 0.480 0.567 1.681 22.605 108.240 48.443 4.390 1.076 0.845

1194 **C₃H₅NS (1)** **isothiocyanato-ethane** **542-85-8**
C₇H₉N (2) **2-methyl-aniline** **95-53-4**

T /°C = 95.0 48P2

x_2 0.00 0.20 0.333 0.42 0.47 0.50 0.53 0.666 0.80
 η /(mPa s) 0.345 1.001 5.46 8.87 13.40 15.49 11.58 3.53 1.52

x_2 1.00
 η /(mPa s) 0.810

1195 **C₃H₅NS (1)** **isothiocyanato-ethane** **542-85-8**
C₇H₉N (2) **4-methyl-aniline** **106-49-0**

T /°C = 85.0 48P2

x_2 0.00 0.10 0.20 0.30 0.40 0.47 0.50 0.53 0.60
 η /(mPa s) 0.400 0.615 1.352 3.450 9.520 22.34 25.03 17.44 8.012

x_2 0.70 0.80 0.90 1.00
 η /(mPa s) 3.600 1.950 1.284 0.961

1196 **C₃H₆Br₂ (1)** **1,2-dibromo-propane** **78-75-1**
C₆H₁₄ (2) **hexane** **110-54-3**

T /°C = 25.0 95K2

x_1 0.2 0.4 0.6 0.8 1.0
 η /(mPa s) 0.38 0.51 0.70 0.99 1.51

1197	C₃H₆Br₂ (1) C₁₆H₂₂O₄ (2)	1,2-dibromo-propane phthalic acid diisobutyl ester								78-75-1 84-69-5
<i>T</i> /°C = 25.0										95K2
<i>x</i> ₁	0.2	0.4	0.6	0.8	1.0					
<i>η</i> /(mPa s)	20.06	12.16	7.43	2.92	1.51					
1198	C₃H₆O (1) C₃H₆O (2)	propan-2-one prop-2-en-1-ol								67-64-1 107-18-6
<i>T</i> /°C = 25.0										61L1
<i>x</i> ₂	0.0	0.2	0.4	0.5	0.6	0.8	1.0			
<i>η</i> /(mPa s)	0.343	0.398	0.471	0.533	0.610	0.838	1.222			
1199	C₃H₆O (1) C₃H₇Br (2)	propan-2-one 1-bromo-propane								67-64-1 106-94-5
<i>T</i> /°C = 20.0										87P3
<i>x</i> ₂	0.0000	0.1014	0.2002	0.2509	0.2998	0.3496	0.4010	0.4501	0.4869	
<i>η</i> /(mPa s)	0.325	0.339	0.358	0.365	0.373	0.382	0.390	0.399	0.404	
<i>x</i> ₂	0.5445	0.6503	0.6928	0.7513	0.8003	0.8505	0.8980	0.9509	1.0000	
<i>η</i> /(mPa s)	0.414	0.432	0.440	0.450	0.463	0.469	0.479	0.494	0.503	
<i>T</i> /°C = 30.0										87P3
<i>x</i> ₂	0.0000	0.1014	0.2002	0.2509	0.2998	0.3496	0.4010	0.4501	0.4869	
<i>η</i> /(mPa s)	0.296	0.312	0.326	0.333	0.338	0.347	0.354	0.362	0.367	
<i>x</i> ₂	0.5445	0.6503	0.6928	0.7513	0.8003	0.8505	0.8980	0.9509	1.0000	
<i>η</i> /(mPa s)	0.377	0.392	0.399	0.407	0.416	0.427	0.438	0.448	0.456	
<i>T</i> /°C = 40.0										87P3
<i>x</i> ₂	0.0000	0.1014	0.2002	0.2509	0.2998	0.3496	0.4010	0.4501	0.4869	
<i>η</i> /(mPa s)	0.271	0.285	0.300	0.304	0.309	0.318	0.322	0.330	0.335	
<i>x</i> ₂	0.5445	0.6503	0.6928	0.7513	0.8003	0.8505	0.8980	0.9509	1.0000	
<i>η</i> /(mPa s)	0.345	0.357	0.362	0.370	0.381	0.390	0.399	0.409	0.415	
1200	C₃H₆O (1) C₃H₇NO (2)	propan-2-one N,N-dimethyl-formamide								67-64-1 68-12-2
<i>T</i> /°C = 25.0										82G2
<i>x</i> ₂	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	
<i>η</i> /(mPa s)	0.304	0.338	0.373	0.412	0.457	0.554	0.608	0.669	0.727	
<i>x</i> ₂	1.0									
<i>η</i> /(mPa s)	0.796									

$T/^\circ\text{C} = 25.0$										80G1
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta/(\text{mPa s})$	0.304	0.338	0.373	0.412	0.457	0.502	0.554	0.608	0.669	
x_2	0.9	1.0								
$\eta/(\text{mPa s})$	0.727	0.796								

1201 **C₃H₆O (1)** **propan-2-one** **67-64-1**
 C₃H₈O (2) **propan-1-ol** **71-23-8**

$T/^\circ\text{C} = 25.0$										71E1
x_1	0.00	0.20	0.40	0.60	0.80	0.90	0.95	1.0		
$\eta/(\text{mPa s})$	1.952	1.026	0.647	0.463	0.361	0.332	0.316	0.303		

$T/^\circ\text{C} = 25.0$										68J2
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.3075	0.3453	0.3742	0.4139	0.4652	0.5381	0.6403	0.7819	0.9891	
w_2	0.90	1.00								
$\eta/(\text{mPa s})$	1.433	1.984								

$T/^\circ\text{C} = 20.0$										61L1
x_2	0.0	0.2	0.4	0.5	0.6	0.8	1.0			
$\eta/(\text{mPa s})$	0.355	0.412	0.517	0.599	0.717	1.139	2.215			

1202 **C₃H₆O (1)** **propan-2-one** **67-64-1**
 C₃H₈O (2) **propan-2-ol** **67-63-0**

$T/^\circ\text{C} = 25.0$										90A4
x_2	0.0000	0.0862	0.2050	0.3038	0.4006	0.4944	0.5735	0.7008	0.7892	
$\eta/(\text{mPa s})$	0.3025	0.3270	0.3594	0.3847	0.4435	0.4768	0.6713	1.0429	1.2891	
x_2	0.8903	1.0000								
$\eta/(\text{mPa s})$	1.5275	2.0158								

$T/\text{K} = 298.15$										84W1
φ_1	0.0000	0.2045	0.2916	0.4172	0.4961	0.5902	0.6881	0.7886	0.9135	
$\nu/(\text{mm}^2/\text{s})$	2.6086	1.1892	0.9547	0.7339	0.6411	0.5585	0.4928	0.4472	0.4049	
φ_1	1.0000									
$\nu/(\text{mm}^2/\text{s})$	0.3857									

1203 **C₃H₆O (1)** **propan-2-one** **67-64-1**
 C₃H₈O₂ (2) **2-methoxy-ethanol** **109-86-4**

$T/^\circ\text{C} = 25.0$										79C1
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x_1	0.0000	0.0596	0.1121	0.1590	0.2082	0.2644	0.3119	0.3607	0.4130
$\nu /(\text{mm}^2/\text{s})$	1.7045	1.5145	1.3699	1.2515	1.1432	1.0515	0.9726	0.8999	0.8025
x_1	0.4688	0.5114	0.5616	0.6128	0.6495	0.7067	0.7535	0.8069	0.8571
$\nu /(\text{mm}^2/\text{s})$	0.7565	0.7032	0.6564	0.6078	0.5743	0.5305	0.4945	0.4611	0.4332
x_1	0.9009	0.9516	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.4093	0.3863	0.3656						
$T/^\circ\text{C} = 30.0$									79C1
x_1	0.0000	0.0596	0.1121	0.1590	0.2082	0.2644	0.3119	0.3607	0.4130
$\nu /(\text{mm}^2/\text{s})$	1.5465	1.3814	1.2525	1.1569	1.0652	0.9695	0.8995	0.8368	0.7681
x_1	0.4688	0.5114	0.5616	0.6128	0.6495	0.7067	0.7535	0.8069	0.8571
$\nu /(\text{mm}^2/\text{s})$	0.7052	0.6647	0.6156	0.5727	0.5433	0.4997	0.4693	0.4376	0.4125
x_1	0.9009	0.9516	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.3909	0.3707	0.3492						
$T/^\circ\text{C} = 35.0$									79C1
x_1	0.0000	0.0596	0.1121	0.1590	0.2082	0.2644	0.3119	0.3607	0.4130
$\nu /(\text{mm}^2/\text{s})$	1.3954	1.2572	1.1584	1.0633	0.9798	0.9007	0.8354	0.7800	0.7179
x_1	0.4688	0.5114	0.5616	0.6128	0.6495	0.7067	0.7535	0.8069	0.8571
$\nu /(\text{mm}^2/\text{s})$	0.6671	0.6243	0.5831	0.5433	0.5115	0.4765	0.4485	0.4189	0.3930
x_1	0.9009	0.9516	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.3725	0.3509	0.3343						
$T/^\circ\text{C} = 40.0$									79C1
x_1	0.0000	0.0596	0.1121	0.1590	0.2082	0.2644	0.3119	0.3607	0.4130
$\nu /(\text{mm}^2/\text{s})$	1.2595	1.1545	1.0649	0.9842	0.9119	0.8397	0.7794	0.7308	0.6769
x_1	0.4688	0.5114	0.5616	0.6128	0.6495	0.7067	0.7535	0.8069	0.8571
$\nu /(\text{mm}^2/\text{s})$	0.6244	0.5850	0.5457	0.5109	0.4851	0.4527	0.4277	0.3986	0.3751
x_1	0.9009	0.9516	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.3564	0.3349	0.3188						
$T/^\circ\text{C} = 48.2$									79C1
x_1	0.0000	0.0596	0.1121	0.1590	0.2082	0.2644	0.3119	0.3607	0.4130
$\nu /(\text{mm}^2/\text{s})$	1.1298	1.0375	0.9544	0.8937	0.8243	0.7542	0.7071	0.6609	0.6174
x_1	0.4688	0.5114	0.5616	0.6128	0.6495	0.7067	0.7535	0.8069	0.8571
$\nu /(\text{mm}^2/\text{s})$	0.5722	0.5385	0.5058	0.4689	0.4461	0.4165	0.3927	0.3683	0.3474
x_1	0.9009	0.9516	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.3291	0.3224	0.2971						

1204 **C₃H₆O (1)** **propan-2-one** **67-64-1**
C₄H₈O (2) **butan-2-one** **78-93-3**

$T/^\circ\text{C} = 25.0$ 77I1

x_2	0.0000	0.0832	0.1718	0.2608	0.3531	0.4509	0.5503	0.6546	0.7631
$\eta /(\text{mPa s})$	0.3092	0.3174	0.3247	0.3323	0.3380	0.3467	0.3515	0.3599	0.3669

x_2	0.8831	0.9390	1.0000						
η /(mPa s)	0.3744	0.3819	0.3859						
T /°C = 20.0									
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
η /(mPa s)	0.318	0.334	0.350	0.365	0.381	0.397			
T /°C = 40.0									
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
η /(mPa s)	0.266	0.278	0.290	0.302	0.314	0.326			
T /°C = 25.0									
x_2	0.0000	0.0832	0.1718	0.2608	0.3531	0.4509	0.5503	0.6546	0.7631
ν /(mm ² /s)	0.3934	0.4028	0.4112	0.4200	0.4264	0.4364	0.4417	0.4514	0.4592
x_2	0.8831	0.9390	1.0000						
ν /(mm ² /s)	0.4714	0.4766	0.4810						
1205	C₃H₆O (1) C₄H₈O₂ (2)	propan-2-one acetic acid ethyl ester							67-64-1 141-78-6
T /K = 298.15									
x_1	0.0000	0.1220	0.2353	0.3453	0.4359	0.5082	0.6074	0.7285	0.8026
ν /(mm ² /s)	0.4714	0.4617	0.4551	0.4419	0.4333	0.4267	0.4197	0.4070	0.4006
x_1	0.9001	1.0000							
ν /(mm ² /s)	0.3932	0.3931							
1206	C₃H₆O (1) C₄H₈O₂ (2)	propan-2-one butyric acid							67-64-1 107-92-6
T /°C = 25.0									
x_2	0.0000	0.0996	0.1883	0.3023	0.3759	0.5144	0.5977	0.7009	0.7989
η /(mPa s)	0.3172	0.3862	0.4576	0.5666	0.6477	0.8181	0.9807	1.0714	1.2159
x_2	0.9016	0.9275	1.0000						
η /(mPa s)	1.3610	1.4084	1.5019						
T /°C = 35.0									
x_2	0.0000	0.0996	0.1883	0.3023	0.3759	0.5144	0.5977	0.7009	0.7989
η /(mPa s)	0.2907	0.3510	0.4131	0.5047	0.5741	0.7153	0.8095	0.9246	1.0407
x_2	0.9016	0.9275	1.0000						
η /(mPa s)	1.1581	1.1973	1.2701						
T /°C = 45.0									
x_2	0.0000	0.0996	0.1883	0.3023	0.3759	0.5144	0.5977	0.7009	0.7989
η /(mPa s)	0.2649	0.3183	0.3666	0.4489	0.5135	0.6265	0.7078	0.7969	0.8942
x_2	0.9016	0.9275	1.0000						

η /(mPa s)	0.9947	1.0179	1.0784						
1207	C₃H₆O (1) C₄H₁₀O (2)	propan-2-one butan-1-ol							67-64-1 71-36-3
T /°C = 30.0									58L1
x_1	0.0000	0.1152	0.2307	0.3341	0.4685	0.7032	0.7974	1.0000	
η /(mPa s)	2.250	1.535	1.127	0.879	0.642	0.427	0.368	0.295	
T /°C = 55.0									58L1
x_1	0.0000	0.1152	0.2307	0.3341	0.4685	0.7032	0.7974	1.0000	
η /(mPa s)	1.265	0.932	0.722	0.589	0.455	0.286	0.320	0.229	
T /°C = 25.0									32E1
x_2	0.000	0.008	0.164	0.251	0.343	0.439	0.540	0.646	0.758
η /(mPa s)	0.3439	0.3651	0.4014	0.4285	0.5089	0.5919	0.7108	0.8875	1.164
x_2	0.876	1.000							
η /(mPa s)	1.650	2.485							
1208	C₃H₆O (1) C₄H₁₀O (2)	propan-2-one ethoxy-ethane							67-64-1 60-29-7
T /°C = 0.0									12F1
x_1	0.00	0.30	0.70	1.00					
η /(mPa s)	0.300	0.3075	0.348	0.383					
T /°C = 14.0									12F1
x_1	0.00	0.30	0.70	1.00					
η /(mPa s)	0.250	0.263	0.293	0.352					
T /°C = 32.0									12F1
x_1	0.00	0.30	0.70	1.00					
η /(mPa s)	0.215	0.228	0.245	0.258					
1209	C₃H₆O (1) C₄H₁₀O₃ (2)	propan-2-one 2-(2-hydroxy-ethoxy)-ethanol							67-64-1 111-46-6
T /°C = 25.0									77I1
x_2	0.0000	0.0789	0.1643	0.2484	0.3400	0.4380	0.5378	0.6436	0.7573
η /(mPa s)	0.3069	0.4103	0.5796	0.8373	1.2631	1.9893	3.2067	5.3126	9.2067
x_2	0.8736	0.9377	1.0000						
η /(mPa s)	15.7803	21.0995	28.0295						
T /°C = 25.0									61L2
x_2	0.0	0.2	0.4	0.5	0.6	0.8	1.0		

η /(mPa s)	0.331	0.682	1.669	2.655	4.301	11.102	27.869		
T /°C = 25.0									7711
x_2	0.0000	0.0789	0.1643	0.2484	0.3400	0.4380	0.5378	0.6436	0.7573
ν /(mm ² /s)	0.3909	0.4991	0.6740	0.9359	1.3583	2.0636	3.2147	5.1639	8.6987
x_2	0.8736	0.9377	1.0000						
ν /(mm ² /s)	14.5347	19.1761	25.1770						
1210	C₃H₆O (1) C₅H₄O₂ (2)		propan-2-one furfural						67-64-1 98-01-1
T /K = 298.15									91N1
x_2	0.0927	0.1922	0.2740	0.3508	0.4284	0.5247	0.6038	0.8395	0.9236
η /(mPa s)	0.449	0.591	0.702	0.804	0.893	1.001	1.090	1.328	1.424
T /K = 303.15									91N1
x_2	0.1083	0.2489	0.3465	0.4336	0.5007	0.6620	0.7622	0.8403	0.9253
η /(mPa s)	0.432	0.639	0.763	0.861	0.934	1.061	1.203	1.282	1.365
T /K = 308.15									91N1
x_2	0.0964	0.1804	0.2705	0.3561	0.4327	0.5118	0.6013	0.7513	0.8668
η /(mPa s)	0.414	0.524	0.634	0.735	0.819	0.903	0.993	1.136	1.263
1211	C₃H₆O (1) C₅H₁₀O (2)		propan-2-one pentan-2-one						67-64-1 107-87-9
T /°C = 20.0									56T1
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
η /(mPa s)	0.318	0.355	0.391	0.429	0.467	0.506			
T /°C = 40.0									56T1
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
η /(mPa s)	0.266	0.294	0.322	0.349	0.377	0.405			
1212	C₃H₆O (1) C₆H₄Cl₂ (2)		propan-2-one 1,2-dichloro-benzene						67-64-1 95-50-1
T /K = 283.15									89M3
x_1	0.0000	0.2037	0.4326	0.6072	0.8018	1.0000			
η /(mPa s)	1.6951	1.3140	0.9245	0.7304	0.5307	0.3601			
T /K = 303.15									89M3
x_1	0.0000	0.2375	0.4047	0.6102	0.8025	0.8040	1.0000		
η /(mPa s)	1.2458	0.9424	0.8184	0.5872	0.4323	0.4289	0.3094		

1213	C₃H₆O (1) C₆H₅Br (2)	propan-2-one bromobenzene							67-64-1 108-86-1	
$T/^\circ\text{C} = 0.0$									15S2	
x_1	0.0000	0.1568	0.2646	0.4685	0.7185	0.8250	0.9375	1.0000		
$\eta/(\text{mPa s})$	1.500	1.277	1.171	0.863	0.632	0.536	0.444	0.400		
1214	C₃H₆O (1) C₆H₅Cl (2)	propan-2-one chlorobenzene							67-64-1 108-90-7	
$T/^\circ\text{C} = 0.0$									15S1	
x_1	0.0000	0.1530	0.4912	0.6030	0.8474	0.9597	1.0000			
$\eta/(\text{mPa s})$	1.034	0.953	0.697	0.602	0.479	0.419	0.400			
1215	C₃H₆O (1) C₆H₅ClO (2)	propan-2-one 2-chloro-phenol							67-64-1 95-57-8	
$T/^\circ\text{C} = 25.0$									80P2	
x_2	0.0000	0.1010	0.2004	0.2997	0.4006	0.5000	0.5999	0.6997	0.7998	
$\eta/(\text{mPa s})$	0.316	0.442	0.644	0.857	1.217	1.666	2.190	2.712	3.086	
x_2	0.9003	1.0000								
$\eta/(\text{mPa s})$	3.303	3.381								
$T/^\circ\text{C} = 0.0$									16B1	
w_2	0.0000	0.1849	0.3238	0.4995	0.6049	0.7101	0.8322	0.9173	1.0000	
$\eta/(\text{mPa s})$	0.3955	0.582	0.787	1.398	2.135	3.59	6.75	9.40	10.79	
$T/^\circ\text{C} = 10.0$									16B1	
w_2	0.0000	0.1849	0.3238	0.4995	0.6049	0.7101	0.8322	0.9173	1.0000	
$\eta/(\text{mPa s})$	0.360	0.527	0.692	1.162	1.682	2.675	4.47	5.80	6.39	
$T/^\circ\text{C} = 20.0$									16B1	
w_2	0.0000	0.1849	0.3238	0.4995	0.6049	0.7101	0.8322	0.9173	1.0000	
$\eta/(\text{mPa s})$	0.3235	0.475	0.611	0.992	1.376	2.051	3.17	3.91	4.21	
$T/^\circ\text{C} = 30.0$									16B1	
w_2	0.0000	0.1849	0.3238	0.4995	0.6049	0.7101	0.8322	0.9173	1.0000	
$\eta/(\text{mPa s})$	0.295	0.419	0.569	0.893	1.199	1.684	2.40	2.85	3.08	
$T/^\circ\text{C} = 40.0$									16B1	
w_2	0.0000	0.1849	0.3238	0.4995	0.6049	0.7101	0.8322	0.9173	1.0000	
$\eta/(\text{mPa s})$	0.270	0.382	0.508	0.777	1.019	1.369	1.886	2.165	2.32	
$T/^\circ\text{C} = 50.0$									16B1	
w_2	0.0000	0.1849	0.3238	0.4995	0.6049	0.7101	0.8322	0.9173	1.0000	
$\eta/(\text{mPa s})$	0.248	0.3515	0.465	0.687	0.893	1.154	1.527	1.735	1.871	
$T/^\circ\text{C} = 60.0$									16B1	

w_2	0.5937	0.6823	0.7699	0.8464	0.9108	1.0000				
$\eta/(\text{mPa s})$	0.729	0.918	1.107	1.289	1.422	1.513				
$T/^\circ\text{C} = 70.0$										16B1
w_2	0.5937	0.6823	0.7699	0.8464	0.9108	1.0000				
$\eta/(\text{mPa s})$	0.641	0.791	0.952	1.087	1.187	1.266				
1216	C₃H₆O (1)		propan-2-one							67-64-1
	C₆H₆ (2)		benzene							71-43-2
$T/^\circ\text{C} = 34.2$										81Y1
x_1	0.0000	0.1115	0.3573	0.4938	0.5562	0.6464	0.8853	1.0000		
$\eta/(\text{mPa s})$	0.530	0.492	0.416	0.382	0.374	0.352	0.308	0.290		
$T/\text{K} = 293.15$										80C1
x_1	0.0000	0.1304	0.2870	0.4005	0.5661	0.6783	0.7899	0.9053	1.0000	
$\eta/(\text{mPa s})$	0.652	0.581	0.513	0.470	0.416	0.385	0.357	0.332	0.326	
$T/\text{K} = 298.15$										80C1
x_1	0.0000	0.1304	0.2870	0.4005	0.5661	0.6783	0.7899	0.9053	1.0000	
$\eta/(\text{mPa s})$	0.601	0.534	0.484	0.446	0.401	0.375	0.351	0.330	0.316	
$T/\text{K} = 303.15$										80C1
x_1	0.0000	0.2875	0.4185	0.5098	0.5498	0.6652	0.7851	0.8895	1.0000	
$\eta/(\text{mPa s})$	0.564	0.456	0.417	0.392	0.382	0.356	0.331	0.312	0.295	
$T/^\circ\text{C} = 20.0$										71N1
x_1	0.1304	0.2870	0.4005	0.5661	0.6783	0.7899	0.9053			
$\eta/(\text{mPa s})$	0.590	0.561	0.535	0.522	0.504	0.492	0.476			
$T/^\circ\text{C} = 25.0$										71N1
x_1	0.1304	0.2870	0.4005	0.5661	0.6783	0.7899	0.9053			
$\eta/(\text{mPa s})$	0.534	0.484	0.446	0.401	0.375	0.351	0.330			
$T/^\circ\text{C} = 30.0$										71N1
x_1	0.2875	0.4185	0.5098	0.5498	0.6652	0.7851	0.8895			
$\eta/(\text{mPa s})$	0.456	0.417	0.392	0.382	0.356	0.331	0.312			
$T/^\circ\text{C} = 15.0$										69M2
x_1	0.000	0.086	0.100	0.248	0.269	0.408	0.587	0.767	0.864	
$\eta/(\text{mPa s})$	0.699	0.640	0.635	0.568	0.562	0.496	0.434	0.397	0.377	
x_1	1.000									
$\eta/(\text{mPa s})$	0.348									
$T/^\circ\text{C} = 20.0$										69M2
x_1	0.000	0.086	0.100	0.248	0.269	0.408	0.587	0.767	0.864	
$\eta/(\text{mPa s})$	0.644	0.598	0.592	0.535	0.528	0.471	0.414	0.376	0.362	

x_1	1.000								
η /(mPa s)	0.326								
T /°C = 30.0									69M2
x_1	0.000	0.086	0.100	0.248	0.269	0.408	0.587	0.767	0.864
η /(mPa s)	0.559	0.523	0.518	0.475	0.469	0.423	0.375	0.346	0.332
x_1	1.000								
η /(mPa s)	0.303								
T /°C = 40.0									69M2
x_1	0.000	0.086	0.100	0.248	0.269	0.408	0.587	0.767	0.864
η /(mPa s)	0.493	0.464	0.460	0.424	0.419	0.378	0.344	0.320	0.309
x_1	1.000								
η /(mPa s)	0.283								
T /°C = 45.0									69M2
x_1	0.086	0.100	0.248	0.269	0.408	0.587	0.767	1.0000	
η /(mPa s)	0.436	0.436	0.404	0.400	0.361	0.330	0.309	0.276	
T /°C = 15.0									67P1
x_1	0.000	0.086	0.100	0.248	0.269	0.408	0.587	0.766	0.864
η /(mPa s)	0.699	0.640	0.635	0.568	0.562	0.496	0.434	0.397	0.377
T /°C = 20.0									67P1
x_1	0.000	0.086	0.100	0.248	0.269	0.408	0.587	0.766	0.864
η /(mPa s)	0.644	0.598	0.592	0.535	0.528	0.471	0.414	0.376	0.362
T /°C = 30.0									67P1
x_1	0.000	0.086	0.100	0.248	0.269	0.408	0.587	0.766	0.864
η /(mPa s)	0.559	0.523	0.518	0.475	0.469	0.423	0.375	0.346	0.332
T /°C = 40.0									67P1
x_1	0.000	0.086	0.100	0.248	0.269	0.408	0.587	0.766	0.864
η /(mPa s)	0.493	0.464	0.460	0.424	0.419	0.378	0.344	0.320	0.309
T /°C = 45.0									67P1
x_1	0.086	0.100	0.248	0.269	0.408	0.587	0.766		
η /(mPa s)	0.436	0.436	0.404	0.400	0.361	0.330	0.309		
T /K = 298.15									95P2
x_1	0.0000	0.1311	0.3321	0.5194	0.6875	0.8941	1.0000		
ν /(mm ² /s)	0.6844	0.6195	0.5419	0.4834	0.4407	0.4036	0.3931		
T /°C = 20.0									59H1
x_1	0.000	0.060	0.162	0.1765	0.286	0.391	0.503	0.593	0.690
ν /(mm ² /s)	0.7397	0.705	0.654	0.647	0.599	0.559	0.520	0.492	0.465
x_1	0.783	0.871	0.956	1.000					
ν /(mm ² /s)	0.443	0.423	0.408	0.4004					

$T/^\circ\text{C} = 25.0$									59H1
x_1	0.000	0.060	0.161	0.1755	0.286	0.391	0.5025	0.691	0.782
$\nu/(\text{mm}^2/\text{s})$	0.6915	0.661	0.614	0.608	0.566	0.529	0.495	0.444	0.424
x_1	0.870	1.000							
$\nu/(\text{mm}^2/\text{s})$	0.406	0.3846							
$T/^\circ\text{C} = 37.8$									59H1
x_1	0.000	0.059	0.161	0.174	0.2855	0.387	0.591	0.690	0.782
$\nu/(\text{mm}^2/\text{s})$	0.5903	0.568	0.533	0.528	0.494	0.466	0.418	0.398	0.381
x_1	0.870	1.000							
$\nu/(\text{mm}^2/\text{s})$	0.367	0.3481							
$T/^\circ\text{C} = 50.05$									59H1
x_1	0.000	0.160	0.274	0.398	0.503	0.584	0.693	0.7825	0.870
$\nu/(\text{mm}^2/\text{s})$	0.5153	0.470	0.442	0.414	0.394	0.379	0.360	0.346	0.334
x_1	0.955	1.000							
$\nu/(\text{mm}^2/\text{s})$	0.324	0.3193							
$T/^\circ\text{C} = 60.11$									59H1
x_1	0.000	0.161	0.274	0.397	0.502	0.583			
$\nu/(\text{mm}^2/\text{s})$	0.4658	0.427	0.405	0.381	0.363	0.351			

1217	C₃H₆O (1) C₆H₆O (2)	propan-2-one phenol							67-64-1 108-95-2
$T/^\circ\text{C} = 30.0$									59B3
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.85
$\eta/(\text{mPa s})$	0.47	0.59	0.74	0.97	1.30	1.83	2.36	2.97	4.24
$T/^\circ\text{C} = 40.0$									59B3
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.85
$\eta/(\text{mPa s})$	0.42	0.51	0.63	0.80	1.05	1.41	1.76	2.44	2.91
$T/^\circ\text{C} = 50.0$									59B3
x_2	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.85
$\eta/(\text{mPa s})$	0.37	0.45	0.54	0.69	0.87	1.13	1.37	1.81	2.12
$T/^\circ\text{C} = 9.95$									16B1
w_2	0.0000	0.1419	0.2672	0.3806	0.4943	0.5779	0.6522	0.7374	0.7894
$\eta/(\text{mPa s})$	0.360	0.486	0.635	0.868	1.256	1.688	2.358	3.670	4.95
w_2	0.8539	0.9285	1.0000						
$\eta/(\text{mPa s})$	7.48	11.93	20.10						
$T/^\circ\text{C} = 20.05$									16B1
w_2	0.0000	0.1419	0.2672	0.3806	0.4943	0.5779	0.6522	0.7374	0.7894
$\eta/(\text{mPa s})$	0.323	0.429	0.560	0.755	1.055	1.379	1.853	2.750	3.59
w_2	0.8539	0.9285	1.0000						

η /(mPa s)	4.47	7.30	11.04						
T /°C = 29.8									16B1
w_2	0.0000	0.0957	0.1953	0.2770	0.3742	0.4467	0.5379	0.6024	0.6719
η /(mPa s)	0.295	0.360	0.441	0.521	0.670	0.808	1.058	1.319	1.658
w_2	0.7425	0.8076	0.8798	0.9281	1.0000				
η /(mPa s)	2.180	2.910	3.915	4.905	7.100				
T /°C = 40.1									16B1
w_2	0.0000	0.0957	0.1953	0.2770	0.3742	0.4467	0.5379	0.6024	0.6719
η /(mPa s)	0.270	0.328	0.399	0.470	0.590	0.711	0.904	1.101	1.363
w_2	0.7425	0.8076	0.8798	0.9281	1.0000				
η /(mPa s)	1.741	2.230	2.875	3.465	4.74				
T /°C = 49.8									16B1
w_2	0.0000	0.0957	0.1953	0.2770	0.3742	0.4467	0.5379	0.6024	0.6719
η /(mPa s)	0.248	0.299	0.360	0.422	0.530	0.628	0.794	0.950	1.150
w_2	0.7425	0.8076	0.8798	0.9281	1.0000				
η /(mPa s)	1.425	1.785	2.245	2.615	3.28				
T /°C = 15.0									24W4
x_2	0.2500	0.2857	0.3333	0.3984	0.5050	0.6211	0.7299		
η/η_{water}	0.61	0.66	0.76	0.93	1.30	1.90	2.90		
1218	C₃H₆O (1) C₆H₆O₂ (2)		propan-2-one benzene-1,2-diol						67-64-1 120-80-9
T /°C = 17.0									25W1
x_1	0.52	0.54	0.58	0.60	0.66	0.71	0.75	0.78	
η/η_{water}	5.8	4.8	3.6	3.1	2.0	1.4	1.2	0.9	
1219	C₃H₆O (1) C₆H₆O₂ (2)		propan-2-one benzene-1,3-diol						67-64-1 108-46-3
T /°C = 17.0									25W1
x_1	0.56	0.60	0.66	0.75	0.80				
η/η_{water}	9.9	7.0	3.6	1.7	1.2				
1220	C₃H₆O (1) C₆H₆O₃ (2)		propan-2-one benzene-1,2,3-triol						67-64-1 87-66-1
T /°C = 20.0									25W2
x_2	0.2000	0.2500	0.2857	0.3333	0.4000				
η/η_{water}	0.16	0.27	1.38	0.65	1.24				

1221	C₃H₆O (1) C₆H₇N (2)	propan-2-one aniline								67-64-1 62-53-3	
<i>T</i> /°C = 18.0										12F1	
<i>x</i> ₁	0.00	0.30	0.60	1.00							
<i>η</i> /(mPa s)	3.375	1.875	0.863	0.300							
<i>T</i> /°C = 41.0										12F1	
<i>x</i> ₁	0.00	0.30	0.60	1.00							
<i>η</i> /(mPa s)	2.075	1.110	0.588	0.250							
1222	C₃H₆O (1) C₆H₁₂ (2)	propan-2-one cyclohexane								67-64-1 110-82-7	
<i>T</i> /°C = 25.0										90M1	
<i>w</i> ₁	0.000	0.091	0.167	0.231	0.286	0.375	0.444	0.500	0.555		
<i>η</i> /(mPa s)	0.90	0.74	0.63	0.57	0.54	0.49	0.45	0.42	0.40		
<i>w</i> ₁	0.625	0.714	0.769	0.833	0.909	1.000					
<i>η</i> /(mPa s)	0.37	0.35	0.34	0.33	0.31	0.30					
<i>T</i> /°C = 34.2										81Y1	
<i>x</i> ₁	0.0000	0.0910	0.3116	0.3949	0.4589	0.5299	0.7897	1.0000			
<i>η</i> /(mPa s)	0.760	0.662	0.512	0.461	0.431	0.402	0.323	0.290			
<i>T</i> /K = 298.15										95P2	
<i>x</i> ₁	0.0000	0.0996	0.2056	0.3401	0.3927	0.5042	0.5889	0.6877	0.8015		
<i>ν</i> /(mm ² /s)	1.1480	0.9505	0.8149	0.6915	0.6580	0.5730	0.5336	0.4835	0.4362		
<i>x</i> ₁	0.8872	1.0000									
<i>ν</i> /(mm ² /s)	0.4081	0.3931									
<i>T</i> /K = 298.15										84W1	
<i>φ</i> ₁	0.0000	0.1900	0.2998	0.3939	0.5033	0.5979	0.7449	0.7874	0.8777		
<i>ν</i> /(mm ² /s)	1.1512	0.7793	0.6663	0.5957	0.5349	0.4884	0.4449	0.4265	0.4084		
<i>φ</i> ₁	1.0000										
<i>ν</i> /(mm ² /s)	0.3878										
1223	C₃H₆O (1) C₆H₁₂O (2)	propan-2-one cyclohexanol								67-64-1 108-93-0	
<i>T</i> /K = 308.15										88S1	
<i>x</i> ₂	0.000	0.087	0.262	0.433	0.661	0.885	1.000				
<i>η</i> /(mPa s)	0.280	0.700	2.328	4.824	10.241	18.322	23.540				
<i>T</i> /°C = 20.0										24W3	

x_2	0.0000	0.1618	0.2500	0.4000	0.5000	0.5714	0.6666	0.8000	1.000
η/η_{water}	0.39	0.61	0.68	0.82	1.3	1.6	2.3	4.2	14.5
1224	C₃H₆O (1) C₆H₁₂O (2)		propan-2-one 4-methyl-pentan-2-one						67-64-1 108-10-1
$T/^\circ\text{C} = 25.0$									51K1
x_2	0.0000	0.0677	0.1650	0.1656	0.2269	0.2933	0.4923	0.6410	0.6474
$\eta/(\text{mPa s})$	0.299	0.318	0.336	0.338	0.352	0.366	0.413	0.450	0.452
x_2	0.7311	0.9128	1.0000						
$\eta/(\text{mPa s})$	0.474	0.520	0.542						
1225	C₃H₆O (1) C₆H₁₂O₂ (2)		propan-2-one acetic acid butyl ester						67-64-1 123-86-4
$T/^\circ\text{C} = 10.0$									83B1
x_1	0.0000	0.3258	0.5629	0.7568	0.8918	1.0000			
$\nu/(\text{mm}^2/\text{s})$	0.9396	0.7836	0.6662	0.5466	0.4859	0.4333			
$T/^\circ\text{C} = 20.0$									83B1
x_1	0.0000	0.3258	0.5629	0.7568	0.8918	1.0000			
$\nu/(\text{mm}^2/\text{s})$	0.8362	0.6984	0.5769	0.4944	0.4398	0.3976			
$T/^\circ\text{C} = 30.0$									83B1
x_1	0.0000	0.3258	0.5629	0.7568	0.8918	1.0000			
$\nu/(\text{mm}^2/\text{s})$	0.7381	0.6203	0.5192	0.4505	0.4071	0.3662			
1226	C₃H₆O (1) C₆H₁₂O₂ (2)		propan-2-one propionic acid propyl ester						67-64-1 106-36-5
$T/\text{K} = 298.15$									95P2
x_1	0.0000	0.1139	0.2335	0.3062	0.4140	0.5275	0.5916	0.7171	0.8056
$\nu/(\text{mm}^2/\text{s})$	0.7111	0.6758	0.6362	0.6124	0.5777	0.5399	0.5188	0.4769	0.4475
x_1	0.9271	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.4075	0.3931							
1227	C₃H₆O (1) C₆H₁₃Cl (2)		propan-2-one 1-chloro-hexane						67-64-1 544-10-5
$T/\text{K} = 298.15$									95P2
x_1	0.0000	0.1087	0.2728	0.3560	0.4289	0.4916	0.5810	0.7064	0.7838
$\nu/(\text{mm}^2/\text{s})$	0.7856	0.7380	0.6693	0.6340	0.6037	0.5778	0.5428	0.4919	0.4617
x_1	0.8977	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.4185	0.3931							

1228	C₃H₆O (1) C₆H₁₄ (2)	propan-2-one hexane							67-64-1 110-54-3
<i>T</i> /°C = 25.0									68J2
<i>w</i> ₂	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
<i>η</i> /(mPa s)	0.3075	0.3144	0.3113	0.2984	0.3039	0.3043	0.2983	0.3047	0.3137
<i>w</i> ₂	0.90	1.00							
<i>η</i> /(mPa s)	0.3030	0.2930							
<i>T</i> /K = 298.15									84W1
<i>φ</i> ₁	0.0000	0.1926	0.3137	0.4004	0.5055	0.6039	0.6745	0.7667	0.8910
<i>v</i> /(mm ² /s)	0.4470	0.4128	0.4039	0.3991	0.3925	0.3883	0.3851	0.3824	0.3821
<i>φ</i> ₁	1.0000								
<i>v</i> /(mm ² /s)	0.3857								
1229	C₃H₆O (1) C₆H₁₄O (2)	propan-2-one hexan-1-ol							67-64-1 111-27-3
<i>T</i> /K = 308.15									88S1
<i>x</i> ₂	0.000	0.101	0.219	0.403	0.731	0.900	1.000		
<i>η</i> /(mPa s)	0.280	0.527	0.770	1.130	1.707	2.043	2.249		
1230	C₃H₆O (1) C₆H₁₄O₄ (2)	propan-2-one 2-[2-(2-hydroxy-ethoxy)-ethoxy]-ethanol							67-64-1 112-27-6
<i>T</i> /°C = 25.0									77I1
<i>x</i> ₂	0.0000	0.0632	0.1218	0.1915	0.2686	0.3561	0.4533	0.5588	0.6873
<i>η</i> /(mPa s)	0.3092	0.4261	0.6147	0.8910	1.4037	2.2226	3.6610	6.2318	11.080
<i>x</i> ₂	0.8834	0.9149	1.0000						
<i>η</i> /(mPa s)	19.7605	27.9490	37.3794						
<i>T</i> /°C = 25.0									61L2
<i>x</i> ₂	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
<i>η</i> /(mPa s)	0.336	1.038	2.750	4.480	7.168	17.045	37.40		
<i>T</i> /°C = 25.0									77I1
<i>x</i> ₂	0.0000	0.0632	0.1218	0.1915	0.2686	0.3561	0.4533	0.5588	0.6873
<i>v</i> /(mm ² /s)	0.3934	0.5178	0.7155	0.9953	1.5091	2.3049	3.6695	6.0432	10.441
<i>x</i> ₂	0.8834	0.9149	1.0000						
<i>v</i> /(mm ² /s)	18.1006	25.2681	33.3744						
1231	C₃H₆O (1) C₆H₁₆O₃Si (2)	propan-2-one triethoxy-silane							67-64-1 998-30-1

$T/^\circ\text{C} = 15.0$										63V2
x_2	0.0000	0.0412	0.0882	0.1422	0.2050	0.2789	0.3672	0.4744	0.6074	
$\eta/(\text{mPa s})$	0.3371	0.4034	0.4450	0.4948	0.5000	0.5285	0.5400	0.5658	0.5595	
x_2	0.7767	1.0000								
$\eta/(\text{mPa s})$	0.5533	0.5140								
1232	C₃H₆O (1) C₇H₆O₂ (2)		propan-2-one 2-hydroxy-benzaldehyde							67-64-1 90-02-8
$T/^\circ\text{C} = 17.0$										25W1
x_1	0.20	0.33	0.50	0.66	0.75	0.80	0.83			
η/η_{water}	1.8	1.7	1.0	0.7	0.6	0.6	0.6			
1233	C₃H₆O (1) C₇H₈ (2)		propan-2-one toluene							67-64-1 108-88-3
$T/^\circ\text{C} = 25.0$										89M1
x_1	0.0233	0.0652	0.1349	0.2009	0.3010	0.3387	0.4120	0.5133	0.5150	
$\eta/(\text{mPa s})$	0.548	0.537	0.518	0.499	0.475	0.465	0.445	0.419	0.418	
x_1	0.6017	0.6968	0.7979	0.8969						
$\eta/(\text{mPa s})$	0.396	0.372	0.349	0.325						
$T/^\circ\text{C} = 20.0$										76H1
x_2	0.000	0.072	0.148	0.229	0.317	0.409	0.509	0.617	0.735	
$\eta/(\text{mPa s})$	0.3180	0.3349	0.3525	0.3740	0.3966	0.4200	0.4506	0.4775	0.5095	
x_2	0.862	1.000								
$\eta/(\text{mPa s})$	0.5472	0.5859								
$T/^\circ\text{C} = 25.0$										76H1
x_2	0.000	0.073	0.148	0.229	0.317	0.410	0.509	0.618	0.735	
$\eta/(\text{mPa s})$	0.3029	0.3172	0.3344	0.3530	0.3764	0.3994	0.4236	0.4521	0.4807	
x_2	0.862	1.000								
$\eta/(\text{mPa s})$	0.5138	0.5525								
$T/^\circ\text{C} = 35.0$										76H1
x_2	0.000	0.073	0.149	0.230	0.318	0.411	0.510	0.619	0.736	
$\eta/(\text{mPa s})$	0.2738	0.2891	0.3036	0.3204	0.3407	0.3615	0.3829	0.4072	0.4335	
x_2	0.862	1.000								
$\eta/(\text{mPa s})$	0.4630	0.4928								
$T/^\circ\text{C} = 45.0$										76H1
x_2	0.000	0.073	0.149	0.230	0.319	0.412	0.511	0.610	0.737	
$\eta/(\text{mPa s})$	0.2496	0.2628	0.2767	0.2923	0.3081	0.3264	0.3470	0.3670	0.3916	
x_2	0.863	1.000								

η /(mPa s)	0.4162	0.4428							
T /K = 298.15									95P2
x_1	0.0000	0.0096	0.3257	0.5026	0.7140	0.8769	1.0000		
ν /(mm ² /s)	0.6345	0.6042	0.5441	0.4979	0.4453	0.4082	0.3931		
T /°C = 10.0									83B1
x_1	0.0000	0.2026	0.4022	0.5933	0.8037	1.0000			
ν /(mm ² /s)	0.7849	0.6882	0.6192	0.5514	0.4871	0.4333			
T /°C = 20.0									83B1
x_1	0.0000	0.2026	0.4022	0.5933	0.8037	1.0000			
ν /(mm ² /s)	0.6712	0.6142	0.5590	0.5043	0.4496	0.3976			
T /°C = 30.0									83B1
x_1	0.0000	0.2026	0.4022	0.5933	0.8037	1.0000			
ν /(mm ² /s)	0.6044	0.5551	0.5205	0.4699	0.4132	0.3662			
1234	C₃H₆O (1) C₇H₈O (2)		propan-2-one methoxybenzene						67-64-1 100-66-3
T /°C = 15.0									24W4
x_2	0.2457	0.2857	0.3257	0.4000	0.5000	0.5714	0.6666		
η/η_{water}	0.482	0.506	0.536	0.580	0.634	0.663	0.720		
1235	C₃H₆O (1) C₇H₈O (2)		propan-2-one 2-methyl-phenol						67-64-1 95-48-7
T /°C = 20.0									24W1
x_2	0.0000	0.1524	0.1934	0.2778	0.3257	0.4405	0.5000	0.6494	0.8000
η/η_{water}	0.29	0.45	0.48	0.57	0.73	1.03	1.30	1.90	3.30
1236	C₃H₆O (1) C₇H₈O (2)		propan-2-one 3-methyl-phenol						67-64-1 108-39-4
T /°C = 20.0									24W1
x_2	0.0000	0.1239	0.1908	0.2604	0.3745	0.4149	0.5000	0.6494	0.7813
η/η_{water}	0.29	0.47	0.53	0.64	0.87	1.09	1.50	3.04	6.10
1237	C₃H₆O (1) C₇H₈O (2)		propan-2-one 4-methyl-phenol						67-64-1 106-44-5
T /°C = 20.0									24W1
x_2	0.0000	0.1524	0.1912	0.3246	0.4149	0.5025	0.6250	0.6494	0.9434
η/η_{water}	0.29	0.43	0.50	0.82	1.19	1.88	2.79	3.83	13.85

1238	C₃H₆O (1) C₇H₈O (2)	propan-2-one phenylmethanol							67-64-1 100-51-6
$T/^\circ\text{C} = 30.0$									90P1
x_2	0.0000	0.2007	0.2986	0.4007	0.5002	0.7013	0.9003	1.0000	
$\eta/(\text{mPa s})$	0.293	0.506	0.651	0.894	1.204	2.122	3.544	4.654	
$T/^\circ\text{C} = 35.0$									90P1
x_2	0.0000	0.2007	0.2986	0.4007	0.5002	0.7013	0.9003	1.0000	
$\eta/(\text{mPa s})$	0.280	0.495	0.632	0.861	1.110	1.857	3.118	4.045	
$T/^\circ\text{C} = 40.0$									90P1
x_2	0.0000	0.2007	0.2986	0.4007	0.5002	0.7013	0.9003	1.0000	
$\eta/(\text{mPa s})$	0.266	0.479	0.603	0.807	1.054	1.740	2.826	3.614	
1239	C₃H₆O (1) C₇H₈O₂ (2)	propan-2-one 2-methoxy-phenol							67-64-1 90-05-1
$T/^\circ\text{C} = 30.0$									29P1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	4.45	3.67	2.95	2.35	1.82	1.26	1.03	0.755	0.573
x_1	0.90	1.00							
$\eta/(\text{mPa s})$	0.440	0.330							
$T/^\circ\text{C} = 17.0$									25W1
x_1	0.20	0.33	0.50	0.60	0.66	0.71			
η/η_{water}	4.1	3.0	2.0	1.5	1.0	0.9			
1240	C₃H₆O (1) C₇H₁₆ (2)	propan-2-one heptane							67-64-1 142-82-5
$T/^\circ\text{C} = 22.5$									77V1
x_1	0.0000	0.0795	0.1252	0.1699	0.2532	0.3008	0.3956	0.4536	0.5061
$\eta/(\text{mPa s})$	0.395	0.385	0.377	0.370	0.362	0.358	0.351	0.347	0.342
x_1	0.6193	0.6981	0.7504	0.8116	0.8666	0.9144	0.9678	1.0000	
$\eta/(\text{mPa s})$	0.333	0.328	0.321	0.316	0.314	0.309	0.311	0.311	
$T/^\circ\text{C} = 25.0$									78D1
x_1	0.0000	0.2094	0.2609	0.3462	0.4139	0.4587	0.5144	0.5697	0.6197
$\nu/(\text{mm}^2/\text{s})$	0.573	0.527	0.518	0.504	0.493	0.486	0.478	0.469	0.461
x_1	0.6582	0.7018	0.7516	0.8090	0.8412	0.8759	0.9137	0.9551	1.0000
$\nu/(\text{mm}^2/\text{s})$	0.454	0.446	0.437	0.427	0.421	0.415	0.408	0.403	0.398

1241	C₃H₆O (1) C₈H₁₀ (2)	propan-2-one 1,2-dimethyl-benzene							67-64-1 95-47-6
$T/K = 298.15$									95P2
x_1	0.0000	0.1236	0.3303	0.4988	0.7001	0.8868	1.0000		
$\nu /(\text{mm}^2/\text{s})$	0.8542	0.8050	0.6757	0.5923	0.5003	0.4242	0.3931		
1242	C₃H₆O (1) C₈H₁₀ (2)	propan-2-one 1,4-dimethyl-benzene							67-64-1 106-42-3
$T/^\circ\text{C} = 34.2$									81Y1
x_1	0.0000	0.1403	0.4308	0.5768	0.6298	0.7285	0.9118	1.0000	
$\eta /(\text{mPa s})$	0.539	0.500	0.429	0.400	0.385	0.353	0.311	0.290	
1243	C₃H₆O (1) C₈H₁₀ (2)	prop-2-en-1-ol ethylbenzene							107-18-6 100-41-4
$T/K = 298.15$									89R5
x_1	0.0000	0.0803	0.1749	0.3464	0.4789	0.6762	0.7705	0.8753	0.9437
$\eta /(\text{mPa s})$	0.628	0.627	0.638	0.682	0.738	0.848	0.918	1.005	1.105
x_1	1.0000								
$\eta /(\text{mPa s})$	1.200								
$T/K = 308.15$									89R5
x_1	0.0000	0.0803	0.1749	0.3464	0.4789	0.6762	0.7705	0.8753	0.9437
$\eta /(\text{mPa s})$	0.553	0.550	0.553	0.584	0.625	0.706	0.766	0.847	0.904
x_1	1.0000								
$\eta /(\text{mPa s})$	0.962								
1244	C₃H₆O (1) C₈H₁₀O₂ (2)	propan-2-one 1,2-dimethoxy-benzene							67-64-1 91-16-7
$T/^\circ\text{C} = 17.0$									25W1
x_1	0.20	0.33	0.50	0.66	0.75	0.80			
$\eta / \eta_{\text{water}}$	2.1	1.5	1.0	0.8	0.7	0.6			
1245	C₃H₆O (1) C₈H₁₆ (2)	propan-2-one cis-1,2-dimethyl-cyclohexane							67-64-1 2207-01-4
$T/K = 298.15$									95P2
x_1	0.0000	0.1145	0.1946	0.2939	0.3957	0.4919	0.5808	0.6899	0.7896
$\nu /(\text{mm}^2/\text{s})$	1.2780	1.0170	0.9287	0.8338	0.7486	0.6753	0.6083	0.5360	0.4795
x_1	0.8976	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4230	0.3931							

1246	C₃H₆O (1) C₈H₁₈ (2)		propan-2-one 2,2,4-trimethyl-pentane						67-64-1 540-84-1
<i>T</i> /°C = 25.0									89M1
<i>x</i> ₁	0.0643	0.1001	0.2004	0.2297	0.2934	0.3408	0.3994	0.5006	0.5566
<i>η</i> /(mPa s)	0.456	0.448	0.428	0.422	0.417	0.404	0.395	0.378	0.367
<i>x</i> ₁	0.5927	0.7032	0.7941	0.8898					
<i>η</i> /(mPa s)	0.360	0.341	0.327	0.314					
1247	C₃H₆O (1) C₈H₁₈O (2)		propan-2-one 2-ethyl-hexan-1-ol						67-64-1 104-76-7
<i>T</i> /K = 308.15									88S1
<i>x</i> ₂	0.000	0.082	0.258	0.450	0.653	0.878	1.000		
<i>η</i> /(mPa s)	0.280	0.412	1.158	1.978	3.021	4.465	5.373		
1248	C₃H₆O (1) C₈H₂₀O₄Si (2)		propan-2-one silicic acid tetraethyl ester						67-64-1 78-10-4
<i>T</i> /°C = 15.0									63V1
<i>x</i> ₂	0.0000	0.0352	0.0759	0.1234	0.1796	0.2472	0.3301	0.4339	0.5678
<i>η</i> /(mPa s)	0.3371	0.3700	0.3950	0.4297	0.4600	0.4963	0.5350	0.5727	0.6249
<i>x</i> ₂	0.7472	1.0000							
<i>η</i> /(mPa s)	0.6841	0.7634							
1249	C₃H₆O (1) C₉H₁₂ (2)		propan-2-one isopropylbenzene						67-64-1 98-82-8
<i>T</i> /K = 283.15									89M3
<i>x</i> ₁	0.0000	0.2000	0.3997	0.6014	0.7999	1.0000			
<i>η</i> /(mPa s)	0.9309	0.8162	0.6477	0.5914	0.4635	0.3601			
<i>T</i> /K = 303.15									89M3
<i>x</i> ₁	0.0000	0.2000	0.4009	0.5995	0.8003	1.0000			
<i>η</i> /(mPa s)	0.7036	0.6234	0.5490	0.4588	0.3816	0.3094			
1250	C₃H₆O (1) C₉H₁₂ (2)		propan-2-one 1,3,5-trimethyl-benzene						67-64-1 108-67-8
<i>T</i> /°C = 34.2									81Y1
<i>x</i> ₁	0.0000	0.1387	0.4493	0.5975	0.6567	0.7521	0.9168	1.0000	
<i>η</i> /(mPa s)	0.584	0.541	0.447	0.403	0.383	0.362	0.313	0.290	

1251	C₃H₆O (1) C₉H₁₂ (2)	prop-2-en-1-ol isopropylbenzene							107-18-6 98-82-8
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.0551	0.1204	0.2051	0.2976	0.4435	0.5323	0.6437	0.7360
<i>η</i> /(mPa s)	0.731	0.718	0.712	0.716	0.747	0.780	0.818	0.876	0.941
<i>x</i> ₁	0.8289	0.8973	0.9479	1.0000					
<i>η</i> /(mPa s)	1.014	1.071	1.122	1.200					
<i>T</i> /K = 308.15									
<i>x</i> ₁	0.0000	0.0551	0.1204	0.2051	0.2976	0.4435	0.5323	0.6437	0.7360
<i>η</i> /(mPa s)	0.636	0.633	0.626	0.626	0.636	0.666	0.694	0.737	0.788
<i>x</i> ₁	0.8289	0.8973	0.9479	1.0000					
<i>η</i> /(mPa s)	0.846	0.891	0.928	0.962					
1252	C₃H₆O (1) C₉H₂₀O (2)	propan-2-one 3,5,5-trimethyl-hexan-1-ol							67-64-1 3452-97-9
<i>T</i> /K = 308.15									
<i>x</i> ₂	0.000	0.087	0.262	0.457	0.660	0.895	1.000		
<i>η</i> /(mPa s)	0.280	0.595	1.405	2.644	4.359	6.687	7.813		
1253	C₃H₆O (1) C₁₀H₁₄N₂ (2)	propan-2-one (S)-(-)-nicotine							67-64-1 54-11-5
<i>T</i> /°C = 25.0									
<i>x</i> ₂	0.0000	0.1173	0.2498	0.3780	0.5005	0.6228	0.7485	0.8439	1.0000
<i>η</i> /(mPa s)	0.3332	0.4615	0.6975	0.9326	1.2797	1.6955	2.2737	2.8560	3.8942
<i>T</i> /°C = 35.0									
<i>x</i> ₂	0.0000	0.1173	0.2498	0.3780	0.5005	0.6228	0.7485	0.8439	1.0000
<i>η</i> /(mPa s)	0.3907	0.4184	0.6054	0.7994	1.0749	1.3967	1.8181	2.2485	3.1555
<i>T</i> /°C = 50.0									
<i>x</i> ₂	0.0000	0.1173	0.2498	0.3780	0.5005	0.6228	0.7485	0.8439	1.0000
<i>η</i> /(mPa s)	0.2725	0.3526	0.4988	0.6476	0.8411	1.0648	1.3637	1.6190	2.0376
1254	C₃H₆O (1) C₁₂H₁₀O (2)	propan-2-one diphenyl ether							67-64-1 101-84-8
<i>T</i> /°C = 25.0									
<i>x</i> ₂	0.0000	0.1060	0.2694	0.5157	1.0000				
<i>η</i> /(mPa s)	0.312	0.439	0.714	1.369	3.66				

1255	C₃H₆O (1) C₁₆H₃₃Cl (2)		propan-2-one 1-chloro-hexadecane						67-64-1 4860-03-1
$T/K = 298.15$									95P2
x_1	0.0000	0.1256	0.2149	0.2643	0.4495	0.5309	0.6166	0.6846	0.8076
$\nu /(\text{mm}^2/\text{s})$	6.305	5.310	4.684	4.279	3.028	2.536	2.044	1.684	1.086
x_1	0.8940	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.7343	0.3931							
1256	C₃H₆O (1) C₁₈H₃₄O₂ (2)		propan-2-one cis-octadec-9-enoic acid						67-64-1 112-79-8
$T/^\circ\text{C} = 45.0$									80E1
x_1	0.0000	0.0406	0.2055	0.3084	0.4208	0.5125	0.5867	0.7140	0.8133
$\nu /(\text{mm}^2/\text{s})$	16.159	15.231	11.326	9.234	7.005	5.417	4.222	2.496	1.517
x_1	0.9028	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.780	0.333							
1257	C₃H₆O (1) C₅₇H₁₀₄O₆ (2)		propan-2-one cis-octadec-9-enoic acid 1,2,3-propanetriyl ester						67-64-1 122-32-7
$T/^\circ\text{C} = 45.0$									80E1
x_1	0.0000	0.0254	0.0966	0.1972	0.2942	0.4346	0.5088	0.6992	0.7564
$\nu /(\text{mm}^2/\text{s})$	32.753	32.150	30.844	28.377	26.110	21.745	19.309	11.835	9.793
x_1	0.8083	0.9016	1.0000						
$\nu /(\text{mm}^2/\text{s})$	7.891	3.961	0.333						
1258	C₃H₆O₂ (1) C₃H₈O (2)		acetic acid methyl ester propan-1-ol						79-20-9 71-23-8
$T/K = 298.15$									98C1
x_1	0.0000	0.0504	0.1935	0.3023	0.4167	0.5497	0.6021	0.6703	0.7809
$\eta /(\text{mPa s})$	1.970	1.667	1.074	0.817	0.654	0.544	0.509	0.480	0.439
x_1	0.8648	1.0000							
$\eta /(\text{mPa s})$	0.409	0.380							
$T/K = 298.15$									90A2
x_2	0.0000	0.1056	0.1987	0.2980	0.3999	0.5012	0.5963	0.6991	0.7989
$\eta /(\text{mPa s})$	0.361	0.375	0.399	0.432	0.483	0.550	0.644	0.793	1.014
x_2	0.8845	1.0000							
$\eta /(\text{mPa s})$	1.306	1.980							
1259	C₃H₆O₂ (1)		acetic acid methyl ester						79-20-9

	C₃H₈O (2)		propan-2-ol					67-63-0	
<i>T/K</i> = 298.15									
<i>x</i> ₁	0.0000	0.0598	0.1684	0.2671	0.3634	0.4646	0.5621	0.6773	0.7619
<i>η</i> /(mPa s)	2.098	1.642	1.101	0.830	0.671	0.571	0.504	0.448	0.417
<i>x</i> ₁	0.8660	1.0000							
<i>η</i> /(mPa s)	0.394	0.380							
<i>T/K</i> = 298.15									
<i>x</i> ₂	0.0000	0.0988	0.2003	0.3227	0.3967	0.4976	0.6660	0.7895	0.7978
<i>η</i> /(mPa s)	0.361	0.385	0.416	0.453	0.484	0.530	0.668	0.933	0.960
<i>x</i> ₂	0.9011	1.0000							
<i>η</i> /(mPa s)	1.370	1.995							
1260									
	C₃H₆O₂ (1)		propionic acid					79-09-4	
	C₃H₈O (2)		propan-1-ol					71-23-8	
<i>T/K</i> = 308.15									
<i>x</i> ₁	0.0000	0.0416	0.0840	0.1244	0.1683	0.2579	0.3504	0.4481	0.5489
<i>η</i> /(mPa s)	1.4091	1.4200	1.4434	1.4385	1.3684	1.3514	1.3282	1.2891	1.2420
<i>x</i> ₁	0.6538	0.7644	0.8223	0.8798	0.9384	1.0000			
<i>η</i> /(mPa s)	1.1779	1.0959	1.0546	1.0062	0.9669	0.8894			
1261									
	C₃H₆O₂ (1)		acetic acid methyl ester					79-20-9	
	C₃H₈O₂ (2)		2-methoxy-ethanol					109-86-4	
<i>T/K</i> = 298.15									
<i>x</i> ₂	0.0000	0.0993	0.2004	0.2993	0.4009	0.4996	0.6014	0.7013	0.8006
<i>η</i> /(mPa s)	0.388	0.429	0.484	0.549	0.636	0.729	0.862	1.012	1.218
<i>x</i> ₂	0.9001	1.0000							
<i>η</i> /(mPa s)	1.453	1.722							
<i>T/K</i> = 303.15									
<i>x</i> ₂	0.0000	0.0993	0.2004	0.2993	0.4009	0.4996	0.6014	0.7013	0.8006
<i>η</i> /(mPa s)	0.370	0.407	0.457	0.517	0.596	0.679	0.797	0.929	1.112
<i>x</i> ₂	0.9001	1.0000							
<i>η</i> /(mPa s)	1.317	1.548							
<i>T/K</i> = 308.15									
<i>x</i> ₂	0.0000	0.0993	0.2004	0.2993	0.4009	0.4996	0.6014	0.7013	0.8006
<i>η</i> /(mPa s)	0.352	0.387	0.432	0.486	0.556	0.632	0.738	0.858	1.025
<i>x</i> ₂	0.9001	1.0000							
<i>η</i> /(mPa s)	1.200	1.390							

1262	C₃H₆O₂ (1) C₄H₅N (2)	propionic acid 1H-pyrrole							79-09-4 109-97-7
<i>T</i> /°C = 20.0									38D1
<i>x</i> ₁	0.00	0.10	0.20	0.30	0.40	0.60	0.80	1.00	
<i>η</i> /(mPa s)	1.300	1.289	1.276	1.263	1.251	1.235	1.194	1.137	
1263	C₃H₆O₂ (1) C₄H₈O (2)	propionic acid butan-2-one							79-09-4 78-93-3
<i>T</i> /°C = 20.0									94W1
<i>x</i> ₂	0.0000	0.0847	0.1723	0.2585	0.3570	0.4544	0.5554	0.6602	0.7691
<i>η</i> /(mPa s)	1.1022	1.0375	0.9722	0.9093	0.8393	0.7718	0.7038	0.6354	0.5665
<i>x</i> ₂	0.8822	1.0000							
<i>η</i> /(mPa s)	0.4974	0.4280							
<i>T</i> /°C = 30.0									94W1
<i>x</i> ₂	0.0000	0.0847	0.1723	0.2585	0.3570	0.4544	0.5554	0.6602	0.7691
<i>η</i> /(mPa s)	0.9580	0.9022	0.8460	0.7921	0.7324	0.6751	0.6177	0.5560	0.5027
<i>x</i> ₂	0.8822	1.0000							
<i>η</i> /(mPa s)	0.4450	0.3885							
<i>T</i> /°C = 40.0									94W1
<i>x</i> ₂	0.0000	0.0847	0.1723	0.2585	0.3570	0.4544	0.5554	0.6602	0.7691
<i>η</i> /(mPa s)	0.8451	0.7975	0.7494	0.7031	0.6516	0.6019	0.5519	0.5015	0.4508
<i>x</i> ₂	0.8822	1.0000							
<i>η</i> /(mPa s)	0.4000	0.3490							
1264	C₃H₆O₂ (1) C₄H₈O₂ (2)	acetic acid methyl ester acetic acid ethyl ester							79-20-9 141-78-6
<i>T</i> /°C = 25.0									26C1
<i>w</i> ₂	0.00000	0.09159	0.21698	0.36562	0.48480	0.59560	0.81855	0.89295	1.0000
<i>η</i> /(mPa s)	0.3649	0.3692	0.3766	0.3851	0.3924	0.3990	0.4140	0.4201	0.4283
<i>T</i> /°C = 11.0									14K1
<i>x</i> ₂	0.0000	0.2500	0.5000	0.6658					
<i>η</i> / <i>η</i> _{water}	0.484	0.495	0.504	0.512					
1265	C₃H₆O₂ (1) C₄H₈O₂ (2)	acetic acid methyl ester 1,4-dioxane							79-20-9 123-91-1
<i>T</i> /K = 303.15									96O2
<i>x</i> ₂	0.0000	0.1026	0.3032	0.5004	0.7187	0.8981	1.0000		
<i>η</i> /(mPa s)	0.3430	0.3813	0.4727	0.5895	0.7642	0.9562	1.0900		

1266	C₃H₆O₂ (1) C₄H₈O₂S (2)	1,3-dioxolane tetrahydrothiophene 1,1-dioxide							646-06-0 126-33-0
$T/^\circ\text{C} = 30.0$									
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	9.87	3.98	2.08	1.22	0.81	0.58			85M1
1267	C₃H₆O₂ (1) C₄H₁₀O (2)	acetic acid methyl ester butan-1-ol							79-20-9 71-36-3
$T/\text{K} = 298.15$									
x_1	0.0000	0.0786	0.1440	0.2105	0.2986	0.4151	0.4971	0.5919	0.6406
$\eta/(\text{mPa s})$	2.620	1.953	1.566	1.280	1.019	0.791	0.677	0.576	0.534
x_1	0.7116	0.7972	0.9034	1.0000					
$\eta/(\text{mPa s})$	0.484	0.440	0.402	0.380					
1268	C₃H₆O₂ (1) C₄H₁₀O (2)	acetic acid methyl ester butan-2-ol							79-20-9 78-92-2
$T/\text{K} = 298.15$									
x_1	0.0000	0.1056	0.2017	0.3076	0.3884	0.4935	0.5697	0.6653	0.7801
$\eta/(\text{mPa s})$	3.115	1.854	1.275	0.921	0.771	0.640	0.559	0.485	0.429
x_1	0.8760	1.0000							
$\eta/(\text{mPa s})$	0.411	0.380							
1269	C₃H₆O₂ (1) C₄H₁₀O (2)	propionic acid butan-1-ol							79-09-4 71-36-3
$T/\text{K} = 308.15$									
x_1	0.0000	0.0503	0.1016	0.1477	0.1995	0.3010	0.4000	0.5007	0.5993
$\eta/(\text{mPa s})$	1.8336	1.8342	1.7915	1.7358	1.6954	1.5562	1.4825	1.4019	1.3124
x_1	0.7006	0.7995	0.9007	1.0000					
$\eta/(\text{mPa s})$	1.2221	1.1203	1.0195	0.8894					
1270	C₃H₆O₂ (1) C₄H₁₁N (2)	formic acid ethyl ester diethylamine							109-94-4 109-89-7
$T/^\circ\text{C} = 25.0$									
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
$\eta/(\text{mPa s})$	0.320	0.361	0.389	0.444	0.468	0.465	0.421		61L1

1271	C₃H₆O₂ (1)	C₄H₁₁N (2)	propionic acid butylamine							79-09-4 109-73-9
<i>T/K</i> = 293.15										
<i>x</i> ₁	0.000	0.200	0.300	0.400	0.500	0.600	0.700	0.750	0.800	
<i>η</i> /(mPa s)	0.523	1.82	15.13	63.74	566.2	178.0	54.56	30.14	18.72	
<i>x</i> ₁	0.875	1.000								
<i>η</i> /(mPa s)	5.08	1.10								
<i>T/K</i> = 298.15										
<i>x</i> ₁	0.000	0.200	0.300	0.400	0.500	0.600	0.700	0.750	0.800	
<i>η</i> /(mPa s)	0.480	1.75	12.72	51.68	400.2	137.5	43.20	25.03	15.68	
<i>x</i> ₁	0.875									
<i>η</i> /(mPa s)	4.48									
<i>T/K</i> = 303.15										
<i>x</i> ₁	0.000	0.200	0.300	0.400	0.500	0.600	0.700	0.750	0.800	
<i>η</i> /(mPa s)	0.444	1.63	10.92	41.89	300.9	107.7	35.21	20.17	13.00	
<i>x</i> ₁	0.875	1.000								
<i>η</i> /(mPa s)	4.05	0.96								
<i>T/K</i> = 308.15										
<i>x</i> ₁	0.000	0.200	0.300	0.400	0.500	0.600	0.700	0.750	0.800	
<i>η</i> /(mPa s)	0.421	1.56	9.48	34.98	230.9	85.1	29.21	17.49	11.15	
<i>x</i> ₁	0.875									
<i>η</i> /(mPa s)	3.57									
<i>T/K</i> = 313.15										
<i>x</i> ₁	0.000	0.200	0.300	0.400	0.500	0.600	0.700	0.750	0.800	
<i>η</i> /(mPa s)	0.401	1.44	8.34	29.06	176.5	71.2	24.51	15.02	9.51	
<i>x</i> ₁	0.875	1.000								
<i>η</i> /(mPa s)	3.09	0.84								
<i>T/K</i> = 318.15										
<i>x</i> ₁	0.200	0.300	0.400	0.500	0.600	0.700	0.750	0.800	0.875	
<i>η</i> /(mPa s)	1.41	7.31	24.58	136.6	57.9	20.64	12.59	8.34	2.86	
<i>T/K</i> = 323.15										
<i>x</i> ₁	0.300	0.400	0.500	0.600	0.700	0.750	0.800	0.875	1.000	
<i>η</i> /(mPa s)	6.66	21.02	112.7	47.7	17.83	11.15	7.33	2.73	0.75	
<i>T/K</i> = 328.15										
<i>x</i> ₁	0.300	0.400	0.500	0.600	0.700	0.750	0.800	0.875		
<i>η</i> /(mPa s)	6.08	18.51	85.4	41.4	15.10	9.98	6.47	2.52		
<i>T/K</i> = 333.15										
<i>x</i> ₁	0.300	0.400	0.500	0.600	0.700	0.750	0.800	0.875		
<i>η</i> /(mPa s)	5.43	15.40	70.3	35.3	13.58	7.97	5.81	2.43		

1272	C₃H₆O₂ (1) C₅H₅N (2)	propionic acid pyridine						79-09-4 110-86-1	
<i>T</i> /°C = 25.0								75S4	
<i>x</i> ₁	0.0000	0.0999	0.1959	0.2826	0.3927	0.5016	0.6401	0.7118	0.7972
<i>η</i> /(mPa s)	0.886	1.000	1.135	1.311	1.587	1.943	2.388	2.480	2.353
<i>x</i> ₁	0.8994	1.0000							
<i>η</i> /(mPa s)	1.755	1.014							
<i>T</i> /°C = 30.0								72S3	
<i>x</i> ₁	0.0000	0.0966	0.2055	0.3195	0.4527	0.5839	0.6650	0.7161	0.7689
<i>η</i> /(mPa s)	1.006	1.145	1.290	1.549	1.932	2.304	2.501	2.569	2.594
<i>x</i> ₁	0.8499	0.9650	1.0000						
<i>η</i> /(mPa s)	2.124	1.400	1.212						
1273	C₃H₆O₂ (1) C₅H₈O₃ (2)	acetic acid methyl ester 3-oxo-butyrac acid methyl ester						79-20-9 105-45-3	
<i>T</i> /K = 298.15								93A6	
<i>x</i> ₂	0.0000	0.0966	0.1998	0.3009	0.3970	0.4973	0.5975	0.6969	0.7933
<i>η</i> /(mPa s)	0.388	0.448	0.520	0.596	0.688	0.798	0.915	1.044	1.202
<i>x</i> ₂	0.9006	1.0000							
<i>η</i> /(mPa s)	1.373	1.568							
<i>T</i> /K = 303.15								93A6	
<i>x</i> ₂	0.0000	0.0966	0.1998	0.3009	0.3970	0.4973	0.5975	0.6969	0.7933
<i>η</i> /(mPa s)	0.371	0.424	0.489	0.564	0.643	0.744	0.843	0.963	1.104
<i>x</i> ₂	0.9006	1.0000							
<i>η</i> /(mPa s)	1.257	1.427							
<i>T</i> /K = 308.15								93A6	
<i>x</i> ₂	0.0000	0.0966	0.1998	0.3009	0.3970	0.4973	0.5975	0.6969	0.7933
<i>η</i> /(mPa s)	0.352	0.403	0.463	0.533	0.603	0.696	0.786	0.913	1.024
<i>x</i> ₂	0.9006	1.0000							
<i>η</i> /(mPa s)	1.155	1.304							
1274	C₃H₆O₂ (1) C₅H₁₀O (2)	formic acid ethyl ester pentan-3-one						109-94-4 96-22-0	
<i>T</i> /°C = 25.0								61L1	
<i>x</i> ₁	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
<i>η</i> /(mPa s)	0.268	0.299	0.330	0.345	0.361	0.392	0.423		

1275	C₃H₆O₂ (1) C₅H₁₂ (2)	acetic acid methyl ester pentane							79-20-9 109-66-0
<i>T</i> /K = 298.15									88D1
<i>x</i> ₂	0.0000	0.1087	0.2088	0.3035	0.4010	0.5022	0.5972	0.7028	0.8002
<i>η</i> /(mPa s)	0.363	0.322	0.295	0.273	0.258	0.243	0.232	0.223	0.219
<i>x</i> ₂	0.9009	1.0000							
<i>η</i> /(mPa s)	0.218	0.214							
1276	C₃H₆O₂ (1) C₅H₁₂ (2)	propionic acid pentane							79-09-4 109-66-0
<i>T</i> /°C = 10.0									66M1
<i>x</i> ₂	0.0000	0.1508	0.2751	0.3866	0.5030	0.6120	0.7053	0.7793	0.8741
<i>η</i> /(mPa s)	0.251	0.283	0.318	0.361	0.425	0.507	0.597	0.710	0.893
<i>x</i> ₂	0.9418	1.0000							
<i>η</i> /(mPa s)	1.084	1.313							
<i>T</i> /°C = 25.0									66M1
<i>x</i> ₂	0.0000	0.1508	0.2751	0.3866	0.5030	0.6120	0.7053	0.7793	0.8741
<i>η</i> /(mPa s)	0.219	0.246	0.274	0.311	0.365	0.431	0.504	0.594	0.734
<i>x</i> ₂	0.9418	1.0000							
<i>η</i> /(mPa s)	0.879	1.024							
1277	C₃H₆O₂ (1) C₅H₁₃N (2)	propionic acid pentylamine							79-09-4 110-58-7
<i>T</i> /K = 293.15									81R2
<i>x</i> ₁	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	1.000
<i>η</i> /(mPa s)	0.656	1.62	1.97	13.70	85.81	707.80	368.13	75.40	1.10
<i>T</i> /K = 298.15									81R2
<i>x</i> ₁	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	
<i>η</i> /(mPa s)	0.609	1.53	1.86	11.78	71.98	510.19	274.56	60.40	
<i>T</i> /K = 303.15									81R2
<i>x</i> ₁	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	1.000
<i>η</i> /(mPa s)	0.563	1.42	1.74	10.12	56.82	386.03	209.99	48.75	0.96
<i>T</i> /K = 308.15									81R2
<i>x</i> ₁	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	
<i>η</i> /(mPa s)	0.523	1.40	1.69	8.82	46.99	296.28	164.60	40.40	
<i>T</i> /K = 313.15									81R2
<i>x</i> ₁	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	1.000
<i>η</i> /(mPa s)	0.484	1.32	1.60	7.77	39.47	226.21	130.79	33.80	0.84

$T/K = 318.15$									81R2
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	
$\eta /(\text{mPa s})$	0.457	1.24	1.51	6.87	33.60	178.26	103.82	28.40	
$T/K = 323.15$									81R2
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	1.000
$\eta /(\text{mPa s})$	0.441	1.20	1.43	6.62	28.82	137.64	80.59	24.80	0.75
$T/K = 328.15$									81R2
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	
$\eta /(\text{mPa s})$	0.421	1.16	1.39	5.75	25.65	105.73	70.35	21.20	
$T/K = 333.15$									81R2
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	
$\eta /(\text{mPa s})$	0.404	1.10	1.34	5.25	21.92	74.57	57.37	18.45	
1278	C₃H₆O₂ (1) C₆H₅NO₂ (2)	acetic acid methyl ester nitrobenzene						79-20-9 98-95-3	
$T/K = 298.15$									91J1
x_2	0.0000	0.1010	0.2027	0.2994	0.3994	0.4976	0.6027	0.7006	0.7999
$\eta /(\text{mPa s})$	0.3878	0.4695	0.5504	0.6433	0.7505	0.8748	1.0250	1.1836	1.3673
x_2	0.9002	1.0000							
$\eta /(\text{mPa s})$	1.5843	1.7916							
$T/K = 303.15$									91J1
x_2	0.0000	0.1010	0.2027	0.2994	0.3994	0.4976	0.6027	0.7006	0.7999
$\eta /(\text{mPa s})$	0.3743	0.4481	0.5238	0.6075	0.7060	0.8190	0.9564	1.0982	1.2638
x_2	0.9002	1.0000							
$\eta /(\text{mPa s})$	1.4631	1.6400							
$T/K = 308.15$									91J1
x_2	0.0000	0.1010	0.2027	0.2994	0.3994	0.4976	0.6027	0.7006	0.7999
$\eta /(\text{mPa s})$	0.3574	0.4259	0.4961	0.5742	0.6649	0.7674	0.8931	1.0231	1.1716
x_2	0.9002	1.0000							
$\eta /(\text{mPa s})$	1.3470	1.5054							
$T/K = 313.15$									91J1
x_2	0.0000	0.1010	0.2027	0.2994	0.3994	0.4976	0.6027	0.7006	0.7999
$\eta /(\text{mPa s})$	0.3412	0.4042	0.4703	0.5421	0.6245	0.7187	0.8331	0.9486	1.0831
x_2	0.9002	1.0000							
$\eta /(\text{mPa s})$	1.2415	1.3831							
1279	C₃H₆O₂ (1) C₆H₅NO₂ (2)	propionic acid nitrobenzene						79-09-4 98-95-3	
$T/^\circ\text{C} = 25.0$									96A1

x_1	0.0000	0.1311	0.2535	0.3679	0.4752	0.5759	0.6708	0.7601	0.8445
$\eta /(\text{mPa s})$	1.8112	1.7630	1.7113	1.6634	1.6116	1.5511	1.4784	1.3920	1.2908
x_1	0.9244	1.0000							
$\eta /(\text{mPa s})$	1.1747	1.0305							
$T / ^\circ\text{C} = 35.0$									96A1
x_1	0.0000	0.1311	0.2535	0.3679	0.4752	0.5759	0.6708	0.7601	0.8445
$\eta /(\text{mPa s})$	1.4573	1.4694	1.4524	1.4283	1.3935	1.3461	1.2848	1.2098	1.1209
x_1	0.9244	1.0000							
$\eta /(\text{mPa s})$	1.0186	0.8858							
$T / ^\circ\text{C} = 45.0$									96A1
x_1	0.0000	0.1311	0.2535	0.3679	0.4752	0.5759	0.6708	0.7601	0.8445
$\eta /(\text{mPa s})$	1.1032	1.3498	1.4202	1.4215	1.3760	1.3006	1.2074	1.1057	1.0021
x_1	0.9244	1.0000							
$\eta /(\text{mPa s})$	0.9012	0.7412							
1280	C₃H₆O₂ (1)		acetic acid methyl ester						79-20-9
	C₆H₆ (2)		benzene						71-43-2
$T / ^\circ\text{C} = 25.0$									56A1
x_2	0.0000	0.1377	0.2311	0.3390	0.4256	0.5041	0.5943	0.6893	0.8112
$\eta /(\text{mPa s})$	0.3659	0.3802	0.3965	0.4098	0.4297	0.4424	0.4628	0.4884	0.5291
x_2	0.9109	1.0000							
$\eta /(\text{mPa s})$	0.5661	0.6029							
$T / ^\circ\text{C} = 35.0$									56A1
x_2	0.0000	0.1377	0.2311	0.3390	0.4256	0.5041	0.5943	0.6893	0.8112
$\eta /(\text{mPa s})$	0.3293	0.3427	0.3554	0.3685	0.3829	0.3956	0.4135	0.4333	0.4663
x_2	0.9109	1.0000							
$\eta /(\text{mPa s})$	0.4964	0.5254							
$T / ^\circ\text{C} = 45.0$									56A1
x_2	0.0000	0.1377	0.2311	0.3390	0.4256	0.5041	0.5943	0.6893	0.8112
$\eta /(\text{mPa s})$	0.2962	0.3073	0.3210	0.3319	0.3450	0.3563	0.3714	0.3888	0.4144
x_2	0.9109	1.0000							
$\eta /(\text{mPa s})$	0.4377	0.4600							
$T / ^\circ\text{C} = 20.0$									58L2
x_1	0.5	1.0							
$\eta /(\text{mPa s})$	0.480	0.411							
$T / ^\circ\text{C} = 30.0$									58L2
x_1	0.5	1.0							
$\eta /(\text{mPa s})$	0.428	0.372							
$T / ^\circ\text{C} = 35.0$									58L2

x_1	0.0	0.5	1.0						
η /(mPa s)	0.527	0.406	0.354						
1281	C₃H₆O₂ (1) C₆H₆ (2)			formic acid	ethyl ester				109-94-4 71-43-2
T /°C = 20.0									58L2
x_1	0.2	0.4	0.5	0.8	1.0				
η /(mPa s)	0.558	0.501	1.482	1.435	1.418				
T /°C = 30.0									58L2
x_1	0.2	0.4	0.5	0.8	1.0				
η /(mPa s)	0.491	0.446	1.430	1.391	0.378				
T /°C = 35.0									58L2
x_1	0.0	0.2	0.4	0.5	0.8	1.0			
η /(mPa s)	0.527	0.465	0.427	1.409	1.373	0.361			
T /K = 293.15									98E1
x_2	0.0000	0.1072	0.2038	0.3027	0.4309	0.4998	0.5934	0.7152	0.8098
ν /(mm ² /s)	0.4432	0.4579	0.4708	0.4888	0.5152	0.5310	0.5578	0.5991	0.6380
x_2	0.9085	1.0000							
ν /(mm ² /s)	0.6855	0.7408							
T /K = 303.15									98E1
x_2	0.0000	0.1072	0.2038	0.3027	0.4309	0.4998	0.5934	0.7152	0.8098
ν /(mm ² /s)	0.4087	0.4190	0.4308	0.4448	0.4664	0.4810	0.5016	0.5350	0.5659
x_2	0.9085	1.0000							
ν /(mm ² /s)	0.6046	0.6497							
T /K = 313.15									98E1
x_2	0.0000	0.1072	0.2038	0.3027	0.4309	0.4998	0.5934	0.7152	0.8098
ν /(mm ² /s)	0.3790	0.3886	0.3965	0.4073	0.4248	0.4357	0.4549	0.4841	0.5098
x_2	0.9085	1.0000							
ν /(mm ² /s)	0.5424	0.5774							
T /K = 323.15									98E1
x_2	0.0000	0.1072	0.2038	0.3027	0.4309	0.4998	0.5934	0.7152	0.8098
ν /(mm ² /s)	0.3523	0.3626	0.3704	0.3779	0.3909	0.4010	0.4148	0.4410	0.4642
x_2	0.9085	1.0000							
ν /(mm ² /s)	0.4923	0.5202							
1282	C₃H₆O₂ (1) C₆H₆ (2)			propionic acid	benzene				79-09-4 71-43-2
T /K = 298.15									95S3

x_1	0.0000	0.1165	0.2288	0.3372	0.4417	0.5427	0.6403	0.7347	0.8260
η /(mPa s)	0.603	0.610	0.622	0.634	0.647	0.672	0.723	0.787	0.863
x_1	0.9144	1.0000							
η /(mPa s)	0.952	1.048							
T /K = 308.15									88S4
x_1	0.0000	0.0534	0.1063	0.1575	0.2079	0.3318	0.4118	0.5132	0.6132
η /(mPa s)	0.5518	0.5535	0.5551	0.5517	0.5677	0.5849	0.5998	0.6282	0.6564
x_1	0.7107	0.8085	0.8566	0.9045	0.9524	1.0000			
η /(mPa s)	0.7012	0.7408	0.7662	0.8033	0.8347	0.8894			
T /°C = 20.0									58L2
x_1	0.2	0.4	0.5	0.8	1.0				
η /(mPa s)	0.660	0.700	1.734	1.889	1.101				
T /°C = 30.0									58L2
x_1	0.2	0.4	0.5	0.8	1.0				
η /(mPa s)	0.575	0.610	1.639	1.774	0.944				
T /°C = 35.0									58L2
x_1	0.0	0.2	0.4	0.5	0.8	1.0			
η /(mPa s)	0.527	0.542	0.575	1.602	1.729	0.894			
T /°C = 45.0									58L2
x_1	0.0	0.2	0.4	0.5	0.8	1.0			
η /(mPa s)	0.464	0.480	0.510	1.533	1.643	0.783			
1283	C₃H₆O₂ (1) C₆H₆ClN (2)		propionic acid 2-chloro-aniline						79-09-4 95-51-2
T /°C = 10.0									93G1
x_2	0.0000	0.0750	0.1543	0.2348	0.3174	0.4103	0.5099	0.6191	0.7366
η /(mPa s)	1.2714	1.7279	2.1499	2.6222	3.1320	3.6748	4.2389	4.7132	5.0126
x_2	0.8611	1.0000							
η /(mPa s)	5.0898	4.6398							
T /°C = 20.0									93G1
x_2	0.0000	0.0750	0.1543	0.2348	0.3174	0.4103	0.5099	0.6191	0.7366
η /(mPa s)	1.0785	1.4125	1.7301	2.0336	2.3812	2.7307	3.0934	3.3796	3.5874
x_2	0.8611	1.0000							
η /(mPa s)	3.6788	3.4162							
T /°C = 30.0									93G1
x_2	0.0000	0.0750	0.1543	0.2348	0.3174	0.4103	0.5099	0.6191	0.7366
η /(mPa s)	0.9260	1.1859	1.4147	1.6342	1.8747	2.1180	2.3641	2.2475	2.7173
x_2	0.8611	1.0000							
η /(mPa s)	2.8232	2.6359							

<i>T</i> / °C = 40.0										93G1
<i>x</i> ₂	0.0000	0.0750	0.1543	0.2348	0.3174	0.4103	0.5099	0.6191	0.7366	
<i>η</i> /(mPa s)	0.8150	1.0214	1.1975	1.3528	1.5276	1.7096	1.8826	2.0295	2.1339	
<i>x</i> ₂	0.8611	1.0000								
<i>η</i> /(mPa s)	2.2475	2.1117								
<i>T</i> / °C = 50.0										93G1
<i>x</i> ₂	0.0000	0.0750	0.1543	0.2348	0.3174	0.4103	0.5099	0.6191	0.7366	
<i>η</i> /(mPa s)	0.7155	0.8736	1.0136	1.1325	1.2640	1.3952	1.5215	1.6267	1.7149	
<i>x</i> ₂	0.8611	1.0000								
<i>η</i> /(mPa s)	1.7841	1.7195								
1284	C₃H₆O₂ (1) C₆H₇N (2)	propionic acid aniline							79-09-4 62-53-3	
<i>T</i> / °C = 10.0										93G1
<i>x</i> ₂	0.0000	0.0834	0.1700	0.2598	0.3532	0.4503	0.5513	0.6565	0.7661	
<i>η</i> /(mPa s)	1.2714	3.1692	10.3744	18.6604	22.1230	21.2501	15.1635	12.4199	9.1719	
<i>x</i> ₂	0.8805	1.0000								
<i>η</i> /(mPa s)	7.5572	6.4505								
<i>T</i> / °C = 20.0										93G1
<i>x</i> ₂	0.0000	0.0834	0.1700	0.2598	0.3532	0.4503	0.5513	0.6565	0.7661	
<i>η</i> /(mPa s)	1.0785	2.2964	5.5014	9.6977	11.2035	10.3517	8.4713	7.2278	5.8267	
<i>x</i> ₂	0.8805	1.0000								
<i>η</i> /(mPa s)	4.9503	4.3340								
<i>T</i> / °C = 30.0										93G1
<i>x</i> ₂	0.0000	0.0834	0.1700	0.2598	0.3532	0.4503	0.5513	0.6565	0.7661	
<i>η</i> /(mPa s)	0.9260	1.7446	3.4633	5.6064	6.4686	6.1163	5.3255	4.7184	3.9959	
<i>x</i> ₂	0.8805	1.0000								
<i>η</i> /(mPa s)	3.5306	3.0780								
<i>T</i> / °C = 40.0										93G1
<i>x</i> ₂	0.0000	0.0834	0.1700	0.2598	0.3532	0.4503	0.5513	0.6565	0.7661	
<i>η</i> /(mPa s)	0.8150	1.3729	2.3688	3.5451	4.0745	3.9111	3.5476	3.3726	2.9102	
<i>x</i> ₂	0.8805	1.0000								
<i>η</i> /(mPa s)	2.6217	2.3556								
<i>T</i> / °C = 50.0										93G1
<i>x</i> ₂	0.0000	0.0834	0.1700	0.2598	0.3532	0.4503	0.5513	0.6565	0.7661	
<i>η</i> /(mPa s)	0.7155	1.1057	1.6989	2.3571	2.6926	2.6666	2.5543	2.4547	2.1746	
<i>x</i> ₂	0.8805	1.0000								
<i>η</i> /(mPa s)	2.0189	1.8204								
<i>T</i> /K = 308.15										88S3

x_1	0.0000	0.1243	0.2382	0.3507	0.4545	0.5568	0.6544	0.7452	0.7903
η /(mPa s)	2.6153	2.9124	3.2031	3.5900	3.9710	4.4675	4.7623	4.1687	3.4023
x_1	0.8345	0.8774	0.9180	0.9595	1.0000				
η /(mPa s)	2.7923	2.0084	1.5607	1.1676	0.8894				

 T /°C = 25.0

75S4

x_1	0.0000	0.0996	0.2015	0.2966	0.3880	0.4955	0.5962	0.7160	0.7994
η /(mPa s)	3.773	4.218	4.652	5.177	5.870	6.898	7.775	7.294	5.282
x_1	0.8950	1.0000							
η /(mPa s)	2.477	1.014							

1285 **C₃H₆O₂ (1)** **propionic acid** **79-09-4**
C₆H₉N (2) **2,4-dimethyl-1H-pyrrole** **625-82-1**

 T /°C = 20.0

38D1

x_1	0.00	0.30	0.50	0.70	1.00				
η /(mPa s)	3.565	3.117	2.377	1.736	1.107				

1286 **C₃H₆O₂ (1)** **propionic acid** **79-09-4**
C₆H₁₂ (2) **cyclohexane** **110-82-7**

 T /°C = 35.0

87S2

x_1	0.0000	0.1137	0.2208	0.3282	0.4299	0.5322	0.6307	0.7263	0.8266
η /(mPa s)	0.7316	0.6913	0.6702	0.6592	0.6575	0.6641	0.6880	0.7112	0.7454
x_1	0.9114	1.0000							
η /(mPa s)	0.8058	0.8894							

1287 **C₃H₆O₂ (1)** **acetic acid methyl ester** **79-20-9**
C₆H₁₄ (2) **hexane** **110-54-3**

 T /K = 298.15

88A4

x_1	0.1056	0.2943	0.4514	0.5616	0.6895	0.7175	0.8224	0.9171	
η /(mPa s)	0.2969	0.2941	0.2996	0.3071	0.3189	0.3223	0.3420	0.3650	

 T /K = 298.15

84W1

φ_1	0.0000	0.1971	0.2709	0.4314	0.4933	0.5902	0.7210	0.7924	0.8502
ν /(mm ² /s)	0.4470	0.4083	0.3979	0.3861	0.3839	0.3806	0.3795	0.3809	0.3810
φ_1	1.0000								
ν /(mm ² /s)	0.3881								

1288 **C₃H₆O₂ (1)** **propionic acid** **79-09-4**
C₆H₁₄ (2) **hexane** **110-54-3**

$T/^\circ\text{C} = 25.0$

66M1

x_1	0.0000	0.1893	0.2985	0.4506	0.5445	0.6315	0.7161	0.7915	0.8728
$\eta/(\text{mPa s})$	0.299	0.325	0.345	0.390	0.427	0.476	0.539	0.615	0.726
x_1	0.9358	1.0000							
$\eta/(\text{mPa s})$	0.848	1.024							

 $T/^\circ\text{C} = 40.0$

66M1

x_1	0.0000	0.1893	0.2985	0.4506	0.5445	0.6315	0.7161	0.7915	0.8728
$\eta/(\text{mPa s})$	0.260	0.282	0.300	0.338	0.369	0.409	0.461	0.523	0.614
x_1	0.9358	1.0000							
$\eta/(\text{mPa s})$	0.709	0.823							

 $T/^\circ\text{C} = 55.0$

66M1

x_1	0.0000	0.1893	0.2985	0.4506	0.5445	0.6315	0.7161	0.7915	0.8728
$\eta/(\text{mPa s})$	0.228	0.246	0.260	0.292	0.320	0.353	0.396	0.447	0.521
x_1	0.9358	1.0000							
$\eta/(\text{mPa s})$	0.597	0.702							

1289 **C₃H₆O₂ (1)**
C₆H₁₄O₃ (2)

acetic acid methyl ester
1-methoxy-2-(2-methoxy-ethoxy)-ethane

79-20-9
111-96-6

 $T/\text{K} = 298.15$

96A5

x_2	0.20	0.35	0.50	0.65	0.80
$\eta/(\text{mPa s})$	0.498	0.590	0.683	0.772	0.861

 $T/\text{K} = 298.15$

93A2

x_2	0.0000	0.1000	0.1980	0.2969	0.4015	0.4988	0.5951	0.6954	0.7941
$\eta/(\text{mPa s})$	0.385	0.441	0.498	0.559	0.621	0.683	0.741	0.801	0.861
x_2	0.8973	1.0000							
$\eta/(\text{mPa s})$	0.922	0.973							

 $T/\text{K} = 303.15$

93A2

x_2	0.0000	0.1000	0.1980	0.2969	0.4015	0.4988	0.5951	0.6954	0.7941
$\eta/(\text{mPa s})$	0.366	0.418	0.470	0.526	0.582	0.639	0.691	0.746	0.799
x_2	0.8973	1.0000							
$\eta/(\text{mPa s})$	0.855	0.904							

 $T/\text{K} = 308.15$

93A2

x_2	0.0000	0.1000	0.1980	0.2969	0.4015	0.4988	0.5951	0.6954	0.7941
$\eta/(\text{mPa s})$	0.348	0.396	0.445	0.496	0.548	0.600	0.646	0.696	0.745
x_2	0.8973	1.0000							
$\eta/(\text{mPa s})$	0.795	0.839							

 $T/\text{K} = 313.15$

93A2

x_2	0.0000	0.1000	0.1980	0.2969	0.4015	0.4988	0.5951	0.6954	0.7941
$\eta/(\text{mPa s})$	0.331	0.376	0.418	0.469	0.516	0.564	0.607	0.652	0.697

x_2 0.8973 1.0000
 η /(mPa s) 0.741 0.781

1290 **C₃H₆O₂ (1)** **acetic acid methyl ester** **79-20-9**
C₇H₇Cl (2) **1-chloro-4-methyl-benzene** **106-43-4**

$T/K = 293.15$ 96P5

x_1 0.0000 0.1404 0.2737 0.3871 0.4985 0.5985 0.6890 0.7771 0.8597
 η /(mPa s) 0.8893 0.8139 0.7448 0.6857 0.6266 0.5751 0.5305 0.4887 0.4490

x_1 0.9295 1.0000
 η /(mPa s) 0.4181 0.3864

$T/K = 298.15$ 96P5

x_1 0.0000 0.1404 0.2737 0.3871 0.4985 0.5985 0.6890 0.7771 0.8597
 η /(mPa s) 0.8348 0.7655 0.7014 0.6474 0.5907 0.5431 0.5039 0.4650 0.4282

x_1 0.9295 1.0000
 η /(mPa s) 0.3974 0.3704

$T/K = 303.15$ 96P5

x_1 0.0000 0.1404 0.2737 0.3871 0.4985 0.5985 0.6890 0.7771 0.8597
 η /(mPa s) 0.7854 0.7175 0.6597 0.6085 0.5600 0.5143 0.4762 0.4438 0.4120

x_1 0.9295 1.0000
 η /(mPa s) 0.3831 0.3576

1291 **C₃H₆O₂ (1)** **propionic acid** **79-09-4**
C₇H₈ (2) **toluene** **108-88-3**

$T/K = 298.15$ 95S3

x_1 0.0000 0.1639 0.2630 0.3796 0.4877 0.5881 0.6817 0.7691 0.8510
 η /(mPa s) 0.552 0.570 0.595 0.630 0.672 0.720 0.772 0.835 0.901

x_1 0.9278 1.0000
 η /(mPa s) 0.974 1.048

$T/K = 308.15$ 88S4

x_1 0.0000 0.1231 0.2366 0.3487 0.4523 0.5546 0.6523 0.7435 0.8320
 η /(mPa s) 0.5248 0.5358 0.5532 0.5721 0.5970 0.6271 0.6628 0.7020 0.7411

x_1 0.9187 1.0000
 η /(mPa s) 0.8128 0.8894

1292 **C₃H₆O₂ (1)** **propionic acid** **79-09-4**
C₇H₉N (2) **N-methyl-aniline** **100-61-8**

$T/K = 308.15$ 88S3

x_1 0.0000 0.1405 0.2649 0.3831 0.4886 0.5912 0.6846 0.7714 0.8525

η /(mPa s)	1.5146	1.6889	1.8169	1.9585	2.0580	2.1430	2.1150	1.9312	1.6309
x_1	0.8913	0.9291	0.9645	1.0000					
η /(mPa s)	1.4497	1.2264	1.0527	0.8894					

1293 **C₃H₆O₂ (1)** **propionic acid** **79-09-4**
C₇H₉N (2) **2-methyl-aniline** **95-53-4**

T /°C = 10.0 93G1

x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4093	0.5097	0.6179	0.7349
η /(mPa s)	1.2714	2.8684	6.1193	11.6308	14.4433	14.2267	13.4698	10.8364	9.2423
x_2	0.8618	1.0000							
η /(mPa s)	8.0430	6.3766							

T /°C = 20.0 93G1

x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4093	0.5097	0.6179	0.7349
η /(mPa s)	1.0785	2.0911	3.7089	5.9685	7.3057	7.7258	7.4653	6.3588	5.8676
x_2	0.8618	1.0000							
η /(mPa s)	5.2727	4.3130							

T /°C = 30.0 93G1

x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4093	0.5097	0.6179	0.7349
η /(mPa s)	0.9260	1.6354	2.5251	3.6065	4.3025	4.6298	4.5704	4.2184	3.9290
x_2	0.8618	1.0000							
η /(mPa s)	3.5899	3.0790							

T /°C = 40.0 93G1

x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4093	0.5097	0.6179	0.7349
η /(mPa s)	0.8150	1.2995	1.8228	2.4429	2.8351	3.1216	3.0980	2.9711	2.8409
x_2	0.8618	1.0000							
η /(mPa s)	2.6898	2.3513							

T /°C = 50.0 93G1

x_2	0.0000	0.0715	0.1477	0.2290	0.3160	0.4093	0.5097	0.6179	0.7349
η /(mPa s)	0.7155	1.0544	1.3900	1.7615	1.9928	2.1879	2.2476	2.1961	2.1398
x_2	0.8618	1.0000							
η /(mPa s)	2.0289	1.8372							

T /°C = 25.0 36A1

x_2	0.0726	0.1493	0.2320	0.3170	0.4102	0.5118	0.5176	0.7365	0.8596
η /(mPa s)	1.72	2.89	4.29	5.87	5.91	5.58	5.02	4.52	4.01
x_2	1.0000								
η /(mPa s)	3.39								

1294 **C₃H₆O₂ (1)** **propionic acid** **79-09-4**
C₇H₉N (2) **3-methyl-aniline** **108-44-1**

$T/^\circ\text{C} = 25.0$										36A1
x_2	0.0725	0.1483	0.2154	0.3151	0.4067	0.5069	0.6159	0.7346	0.8595	
$\eta/(\text{mPa s})$	1.95	4.21	7.43	9.48	9.36	7.72	6.03	4.68	3.72	
x_2	1.0000									
$\eta/(\text{mPa s})$	2.94									
1295	C₃H₆O₂ (1) C₇H₉NO (2)		propionic acid 2-methoxy-aniline							79-09-4 90-04-0
$T/^\circ\text{C} = 10.0$										93G1
x_2	0.0000	0.0681	0.1412	0.2199	0.3048	0.3968	0.4966	0.6055	0.7246	
$\eta/(\text{mPa s})$	1.2714	2.3823	5.1890	7.9958	11.2628	13.1635	13.6326	12.7613	12.086	
x_2	0.8555	1.0000								
$\eta/(\text{mPa s})$	10.8997	8.8355								
$T/^\circ\text{C} = 20.0$										93G1
x_2	0.0000	0.0681	0.1412	0.2199	0.3048	0.3968	0.4966	0.6055	0.7246	
$\eta/(\text{mPa s})$	1.0785	1.8028	3.3588	4.6726	6.2536	7.2755	7.5978	7.4970	7.2929	
x_2	0.8555	1.0000								
$\eta/(\text{mPa s})$	6.7840	5.6589								
$T/^\circ\text{C} = 30.0$										93G1
x_2	0.0000	0.0681	0.1412	0.2199	0.3048	0.3968	0.4966	0.6055	0.7246	
$\eta/(\text{mPa s})$	0.9260	1.4339	2.3534	3.0492	3.9279	4.8266	4.8285	4.8927	4.9253	
x_2	0.8555	1.0000								
$\eta/(\text{mPa s})$	4.6633	4.0951								
$T/^\circ\text{C} = 40.0$										93G1
x_2	0.0000	0.0681	0.1412	0.2199	0.3048	0.3968	0.4966	0.6055	0.7246	
$\eta/(\text{mPa s})$	0.8150	1.1799	1.7648	2.1909	2.7239	3.1031	3.3381	3.4276	3.5117	
x_2	0.8555	1.0000								
$\eta/(\text{mPa s})$	3.4083	3.0794								
$T/^\circ\text{C} = 50.0$										93G1
x_2	0.0000	0.0681	0.1412	0.2199	0.3048	0.3968	0.4966	0.6055	0.7246	
$\eta/(\text{mPa s})$	0.7155	0.9830	1.3746	1.6497	1.9907	2.2414	2.4540	2.5257	2.6220	
x_2	0.8555	1.0000								
$\eta/(\text{mPa s})$	2.5614	2.3750								
1296	C₃H₆O₂ (1) C₇H₁₄ (2)		propionic acid methylcyclohexane							79-09-4 108-87-2
$T/^\circ\text{C} = 35.0$										87S2
x_1	0.0000	0.1302	0.2486	0.3634	0.4686	0.5706	0.6665	0.7559	0.8418	

η /(mPa s)	0.5948	0.5862	0.5866	0.5948	0.6046	0.6223	0.6500	0.6846	0.7310
x_1	0.8817	0.9227	0.9619	1.0000					
η /(mPa s)	0.7597	0.7997	0.8395	0.8894					

1297 **C₃H₆O₂ (1)** **acetic acid methyl ester** **79-20-9**
C₇H₁₆ (2) **heptane** **142-82-5**

T /K = 298.15 96M1

x_1	0.0000	0.0714	0.1439	0.1953	0.2923	0.3938	0.5006	0.5993	0.7023
η /(mPa s)	0.389	0.378	0.369	0.363	0.355	0.348	0.343	0.341	0.341
x_1	0.7964	0.8801	0.9385	1.0000					
η /(mPa s)	0.344	0.350	0.356	0.365					

T /K = 298.15 96M1

x_1	0.0000	0.0714	0.1439	0.1953	0.2923	0.3938	0.5006	0.5993	0.7023
ν /(mm ² /s)	0.572	0.550	0.530	0.516	0.494	0.473	0.453	0.438	0.422
x_1	0.7964	0.8801	0.9385	1.0000					
ν /(mm ² /s)	0.410	0.402	0.397	0.394					

T /°C = 25.0 78D1

x_1	0.0000	0.1629	0.2061	0.2803	0.3274	0.3747	0.4379	0.4993	0.5650
ν /(mm ² /s)	0.579	0.533	0.523	0.506	0.496	0.487	0.475	0.465	0.454
x_1	0.6120	0.6610	0.7240	0.7970	0.8870	0.9400	1.0000		
ν /(mm ² /s)	0.447	0.439	0.431	0.422	0.414	0.410	0.407		

1298 **C₃H₆O₂ (1)** **propionic acid** **79-09-4**
C₈H₁₀ (2) **1,2-dimethyl-benzene** **95-47-6**

T /K = 298.15 95S3

x_1	0.0000	0.1527	0.2885	0.4101	0.5196	0.6187	0.7087	0.7910	0.8665
η /(mPa s)	0.754	0.768	0.781	0.796	0.812	0.829	0.854	0.888	0.931
x_1	0.9359	1.0000							
η /(mPa s)	0.986	1.048							

1299 **C₃H₆O₂ (1)** **propionic acid** **79-09-4**
C₈H₁₀ (2) **1,3-dimethyl-benzene** **108-38-3**

T /°C = 20.0 93R1

x_1	0.0000	0.0987	0.1913	0.3542	0.4954	0.6230	0.7734	0.8309	0.9197
η /(mPa s)	0.6170	0.6186	0.6356	0.6623	0.6879	0.7238	0.7888	0.8295	0.9196
x_1	0.9596	1.0000							
η /(mPa s)	0.9695	1.0999							

T /°C = 30.0 93R1

x_1	0.0000	0.0987	0.1913	0.3542	0.4954	0.6230	0.7734	0.8309	0.9197
η /(mPa s)	0.5540	0.5559	0.5763	0.5981	0.6231	0.6557	0.7215	0.7596	0.8336
x_1	0.9596	1.0000							
η /(mPa s)	0.8817	0.9580							
T /°C = 40.0									93R1
x_1	0.0000	0.0987	0.1913	0.3542	0.4954	0.6230	0.7734	0.8309	0.9197
η /(mPa s)	0.5130	0.5136	0.5278	0.5482	0.5600	0.5839	0.6387	0.6728	0.7414
x_1	0.9596	1.0000							
η /(mPa s)	0.7846	0.8429							
T /°C = 50.0									93R1
x_1	0.0000	0.0987	0.1913	0.3542	0.4954	0.6230	0.7734	0.8309	0.9197
η /(mPa s)	0.4883	0.4870	0.4939	0.5114	0.5302	0.5527	0.5959	0.6204	0.6792
x_1	0.9596	1.0000							
η /(mPa s)	0.7298	0.7545							
T /K = 298.15									95S3
x_1	0.0000	0.1550	0.2920	0.4142	0.5238	0.6227	0.7122	0.7938	0.8684
η /(mPa s)	0.616	0.629	0.643	0.656	0.671	0.698	0.742	0.818	0.897
x_1	0.9369	1.0000							
η /(mPa s)	0.973	1.048							
1300	C₃H₆O₂ (1) C₈H₁₀ (2)		propionic acid 1,4-dimethyl-benzene						79-09-4 106-42-3
T /K = 298.15									95S3
x_1	0.0000	0.1558	0.2930	0.4153	0.5250	0.6237	0.7132	0.7946	0.8689
η /(mPa s)	0.614	0.642	0.671	0.692	0.715	0.745	0.809	0.869	0.930
x_1	0.9372	1.0000							
η /(mPa s)	0.984	1.048							
1301	C₃H₆O₂ (1) C₈H₁₀ (2)		propionic acid ethylbenzene						79-09-4 100-41-4
T /K = 308.15									88S4
x_1	0.0000	0.1393	0.2634	0.3813	0.4881	0.5891	0.6835	0.7694	0.8518
η /(mPa s)	0.5797	0.5916	0.6031	0.6196	0.6386	0.6621	0.6881	0.7210	0.7666
x_1	0.9275	1.0000							
η /(mPa s)	0.8175	0.8894							
1302	C₃H₆O₂ (1) C₈H₁₁N (2)		propionic acid N,N-dimethyl-aniline						79-09-4 121-69-7

$T/K = 308.15$										88S3
x_1	0.0000	0.1567	0.2906	0.4142	0.5224	0.6217	0.7121	0.7933	0.8687	
$\eta /(\text{mPa s})$	1.4999	1.7056	1.8971	2.1672	2.3015	2.5331	2.5750	2.3786	1.9156	
x_1	0.9032	0.9363	0.9694	1.0000						
$\eta /(\text{mPa s})$	1.6906	1.4119	1.1130	0.8894						
$T/^\circ\text{C} = 25.0$										75S4
x_1	0.0000	0.1014	0.2025	0.3050	0.3966	0.5057	0.6027	0.6922	0.8012	
$\eta /(\text{mPa s})$	1.288	1.364	1.416	1.478	1.527	1.583	1.651	1.690	1.657	
x_1	0.8905	1.0000								
$\eta /(\text{mPa s})$	1.467	1.014								
1303	C₃H₆O₂ (1) C₈H₁₃N (2)	propionic acid 3-ethyl-2,4-dimethyl-1H-pyrrole							79-09-4 517-22-6	
$T/^\circ\text{C} = 20.0$										38D1
x_1	0.00	0.30	0.50	0.70	1.00					
$\eta /(\text{mPa s})$	14.050	10.210	6.952	4.4496	1.107					
1304	C₃H₆O₂ (1) C₈H₁₈ (2)	acetic acid methyl ester octane							79-20-9 111-65-9	
$T/K = 298.15$										88A4
x_1	0.1268	0.2408	0.3370	0.4310	0.5066	0.5788	0.6440	0.7570	0.8528	
$\eta /(\text{mPa s})$	0.4797	0.4518	0.4361	0.4213	0.4108	0.4021	0.3953	0.3849	0.3786	
$T/^\circ\text{C} = 15.0$										78D1
x_1	0.0000	0.2256	0.2797	0.3462	0.4114	0.4663	0.5381	0.5929	0.6860	
$\nu /(\text{mm}^2/\text{s})$	0.816	0.697	0.675	0.649	0.626	0.607	0.584	0.567	0.538	
x_1	0.7760	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.509	0.452								
1305	C₃H₆O₂ (1) C₈H₁₉N (2)	propionic acid dibutylamine							79-09-4 111-92-2	
$T/K = 293.15$										81R2
x_1	0.000	0.200	0.400	0.600	0.700	0.750	0.800	1.000		
$\eta /(\text{mPa s})$	0.850	2.45	20.21	109.28	125.94	139.33	16.74	1.10		
$T/K = 298.15$										81R2
x_1	0.200	0.400	0.600	0.700	0.750	0.800				
$\eta /(\text{mPa s})$	2.21	15.81	80.86	94.32	102.52	14.24				
$T/K = 303.15$										81R2

x_1	0.000	0.200	0.400	0.500	0.600	0.700	0.750	0.800	1.000	
$\eta /(\text{mPa s})$	0.730	2.05	12.24	48.04	64.20	72.81	74.31	11.85	0.96	
$T/\text{K} = 308.15$									81R2	
x_1	0.200	0.400	0.500	0.600	0.700	0.750	0.800			
$\eta /(\text{mPa s})$	1.87	9.94	35.66	49.41	54.50	58.19	10.22			
$T/\text{K} = 313.15$									81R2	
x_1	0.000	0.200	0.400	0.500	0.600	0.700	0.750	0.800	1.000	
$\eta /(\text{mPa s})$	0.640	1.69	7.97	27.31	39.46	42.04	44.26	8.74	0.84	
$T/\text{K} = 318.15$									81R2	
x_1	0.200	0.400	0.500	0.600	0.700	0.750	0.800			
$\eta /(\text{mPa s})$	1.54	6.42	21.32	31.87	34.15	35.31	7.62			
$T/\text{K} = 323.15$									81R2	
x_1	0.000	0.200	0.400	0.500	0.600	0.700	0.750	0.800	1.000	
$\eta /(\text{mPa s})$	0.560	1.44	5.61	17.49	25.80	27.70	27.67	6.98	0.75	
$T/\text{K} = 328.15$									81R2	
x_1	0.200	0.400	0.500	0.600	0.700	0.750	0.800			
$\eta /(\text{mPa s})$	1.34	4.66	13.81	21.24	22.53	22.14	6.22			
$T/\text{K} = 333.15$									81R2	
x_1	0.000	0.200	0.400	0.500	0.600	0.700	0.750	0.800		
$\eta /(\text{mPa s})$	0.500	1.24	3.99	11.45	17.99	18.98	18.63	5.42		
1306	C₃H₆O₂ (1) C₉H₁₂ (2)	propionic acid propylbenzene						79-09-4 103-65-1		
$T/\text{K} = 308.15$									88S4	
x_1	0.0000	0.0799	0.1548	0.2233	0.2750	0.4110	0.5190	0.6192	0.7099	
$\eta /(\text{mPa s})$	0.7001	0.6969	0.7021	0.7031	0.7037	0.7084	0.7218	0.7357	0.7530	
x_1	0.7906	0.8664	0.9357	1.0000						
$\eta /(\text{mPa s})$	0.7717	0.8012	0.8334	0.8894						
1307	C₃H₆O₂ (1) C₉H₂₀ (2)	acetic acid methyl ester nonane						79-20-9 111-84-2		
$T/\text{K} = 298.15$									96M1	
x_1	0.0000	0.0979	0.1777	0.2126	0.3144	0.3969	0.4910	0.6125	0.7188	
$\eta /(\text{mPa s})$	0.662	0.615	0.581	0.567	0.531	0.504	0.477	0.445	0.419	
x_1	0.7996	0.8874	0.9436	1.0000						
$\eta /(\text{mPa s})$	0.401	0.383	0.374	0.365						
$T/\text{K} = 298.15$									96M1	
x_1	0.0000	0.0979	0.1777	0.2126	0.3144	0.3969	0.4910	0.6125	0.7188	

$\nu /(\text{mm}^2/\text{s})$	0.927	0.853	0.798	0.775	0.714	0.668	0.620	0.562	0.513
x_1	0.7996	0.8874	0.9436	1.0000					
$\nu /(\text{mm}^2/\text{s})$	0.477	0.439	0.417	0.394					
1308	C₃H₆O₂ (1) C₉H₂₁N (2)		propionic acid tripropylamine						79-09-4 102-69-2
$T/\text{K} = 293.15$									81R2
x_1	0.000	0.100	0.400	0.500	0.600	0.700	0.750	0.775	0.800
$\eta /(\text{mPa s})$	0.670	0.734	4.43	5.62	5.97	13.95	20.55	23.47	23.75
x_1	0.900	1.000							
$\eta /(\text{mPa s})$	8.57	1.10							
$T/\text{K} = 298.15$									81R2
x_1	0.000	0.100	0.400	0.500	0.600	0.700	0.750	0.775	0.800
$\eta /(\text{mPa s})$	0.523	0.664	3.85	5.12	5.22	11.20	16.25	18.67	18.96
x_1	0.900								
$\eta /(\text{mPa s})$	7.50								
$T/\text{K} = 303.15$									81R2
x_1	0.000	0.100	0.400	0.500	0.600	0.700	0.750	0.775	0.800
$\eta /(\text{mPa s})$	0.495	0.589	3.50	4.35	4.50	9.20	13.02	15.00	15.59
x_1	0.900	1.000							
$\eta /(\text{mPa s})$	6.47	0.96							
$T/\text{K} = 308.15$									81R2
x_1	0.000	0.100	0.400	0.500	0.600	0.700	0.750	0.775	0.800
$\eta /(\text{mPa s})$	0.459	0.543	3.10	3.75	3.80	7.70	10.85	12.22	12.77
x_1	0.900								
$\eta /(\text{mPa s})$	5.81								
$T/\text{K} = 313.15$									81R2
x_1	0.000	0.100	0.400	0.500	0.600	0.700	0.750	0.775	0.800
$\eta /(\text{mPa s})$	0.445	0.511	2.80	3.62	3.35	6.52	9.00	10.32	10.76
x_1	0.900	1.000							
$\eta /(\text{mPa s})$	5.04	0.84							
$T/\text{K} = 318.15$									81R2
x_1	0.000	0.100	0.400	0.500	0.600	0.700	0.750	0.775	0.800
$\eta /(\text{mPa s})$	0.412	0.499	2.45	3.03	3.00	5.57	7.62	8.86	8.96
x_1	0.900								
$\eta /(\text{mPa s})$	4.40								
$T/\text{K} = 323.15$									81R2
x_1	0.000	0.100	0.400	0.500	0.600	0.700	0.750	0.775	0.800
$\eta /(\text{mPa s})$	0.380	0.464	2.22	2.75	2.67	4.82	6.46	7.44	7.72

x_1 0.900 1.000
 η /(mPa s) 4.05 0.75

1309 **C₃H₆O₂ (1)** **acetic acid methyl ester** **79-20-9**
C₁₀H₂₂ (2) **decane** **124-18-5**

T /K = 298.15 88A4

x_1 0.0803 0.1876 0.3354 0.4452 0.4760 0.5538 0.6180 0.7363 0.8315
 η /(mPa s) 0.7987 0.7291 0.6485 0.5969 0.5809 0.5456 0.5186 0.4714 0.4356

T /°C = 25.0 78D1

x_1 0.0000 0.4078 0.5004 0.5504 0.6474 0.6763 0.7337 0.7490 0.7860
 ν /(mm²/s) 1.158 0.790 0.724 0.690 0.625 0.607 0.569 0.559 0.534

x_1 0.8069 0.8464 0.8745 0.9170 0.9540 1.0000
 ν /(mm²/s) 0.521 0.495 0.477 0.451 0.429 0.408

1310 **C₃H₆O₂ (1)** **acetic acid methyl ester** **79-20-9**
C₁₂H₂₆ (2) **dodecane** **112-40-3**

T /K = 298.15 88A4

x_1 0.0900 0.2130 0.3361 0.4514 0.5533 0.6236 0.6972 0.7671 0.8924
 η /(mPa s) 1.2434 1.0803 0.9577 0.8306 0.7377 0.6777 0.6144 0.5570 0.4527

1311 **C₃H₆O₂ (1)** **propionic acid** **79-09-4**
C₁₂H₂₇N (2) **tributylamine** **102-82-9**

T /K = 293.15 81R2

x_1 0.000 0.100 0.200 0.300 0.400 0.500 0.600 0.700 0.800
 η /(mPa s) 1.450 1.867 2.526 4.226 6.422 6.442 12.71 26.10 23.66

x_1 0.900 1.000
 η /(mPa s) 6.57 1.10

T /K = 298.15 81R2

x_1 0.000 0.100 0.200 0.300 0.400 0.500 0.600 0.700 0.800
 η /(mPa s) 1.280 1.389 1.676 2.303 3.571 5.447 10.24 20.63 19.13

x_1 0.900
 η /(mPa s) 5.91

T /K = 303.15 81R2

x_1 0.000 0.100 0.200 0.300 0.400 0.500 0.600 0.700 0.800
 η /(mPa s) 1.170 1.228 1.495 1.923 3.107 4.591 8.37 16.90 15.79

x_1 0.900 1.000
 η /(mPa s) 4.93 0.96

T /K = 308.15 81R2

x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.800
$\eta /(\text{mPa s})$	1.070	1.112	1.324	1.728	2.693	3.887	7.04	13.12	13.19
x_1	0.900								
$\eta /(\text{mPa s})$	4.33								
$T/\text{K} = 313.15$									
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.800
$\eta /(\text{mPa s})$	0.990	1.015	1.212	1.523	2.359	3.372	5.67	10.81	10.94
x_1	0.900	1.000							
$\eta /(\text{mPa s})$	3.779	0.84							
$T/\text{K} = 318.15$									
x_1	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.900
$\eta /(\text{mPa s})$	0.938	1.096	1.361	2.071	2.954	5.03	8.92	9.32	3.39
$T/\text{K} = 323.15$									
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.800
$\eta /(\text{mPa s})$	0.863	0.878	0.994	1.245	1.839	2.557	4.35	7.55	8.06
x_1	0.900	1.000							
$\eta /(\text{mPa s})$	3.04	0.75							
$T/\text{K} = 328.15$									
x_1	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.800	0.900
$\eta /(\text{mPa s})$	0.806	0.920	1.138	1.627	2.243	3.81	6.41	6.95	2.69
$T/\text{K} = 333.15$									
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.800
$\eta /(\text{mPa s})$	0.740	0.738	0.850	1.036	1.458	2.013	3.29	5.38	6.05
x_1	0.900								
$\eta /(\text{mPa s})$	2.46								
$T/\text{K} = 338.15$									
x_1	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.800	
$\eta /(\text{mPa s})$	0.694	0.771	0.943	1.291	1.797	2.88	4.71	5.29	
$T/\text{K} = 343.15$									
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.800
$\eta /(\text{mPa s})$	0.652	0.646	0.734	0.864	1.189	1.603	2.52	4.08	4.60

1312 **C₃H₆O₂ (1)** **acetic acid methyl ester** **79-20-9**
C₁₆H₃₄ (2) **hexadecane** **544-76-3**

$T/\text{K} = 298.15$ 88A4

x_1	0.0393	0.1180	0.3657	0.4814	0.5357	0.6520	0.7625	0.8682	0.9609
$\eta /(\text{mPa s})$	2.9239	2.6191	1.8194	1.4909	1.3499	1.0859	0.8431	0.6349	0.4379

1313 **C₃H₆O₃ (1)** **carbonic acid dimethyl ester** **616-38-6**

	C₄H₆O₃ (2)		4-methyl-1,3-dioxolan-2-one					108-32-7	
$T/K = 298.15$	97N1								
x_2	0.0000	0.0944	0.1815	0.3215	0.4861	0.5752	0.6827	0.7254	0.7801
$\eta/(mPa\ s)$	2.527	2.217	1.965	1.618	1.287	1.138	0.980	0.924	0.856
x_2	0.9012	1.0000							
$\eta/(mPa\ s)$	0.724	0.629							
1314	C₃H₆O₃ (1) C₆H₁₂ (2)		carbonic acid dimethyl ester cyclohexane					616-38-6 110-82-7	
$T/K = 298.15$	98A4								
x_1	0.0000	0.1010	0.1993	0.3026	0.3999	0.5000	0.5996	0.7039	0.8005
$\eta/(mPa\ s)$	0.814	0.686	0.616	0.572	0.535	0.520	0.507	0.499	0.502
x_1	0.9028	1.0000							
$\eta/(mPa\ s)$	0.515	0.534							
$T/K = 303.15$	98A4								
x_1	0.0000	0.1010	0.1993	0.3026	0.3999	0.5000	0.5996	0.7039	0.8005
$\eta/(mPa\ s)$	0.749	0.636	0.573	0.533	0.500	0.485	0.475	0.470	0.472
x_1	0.9028	1.0000							
$\eta/(mPa\ s)$	0.491	0.503							
$T/K = 308.15$	98A4								
x_1	0.0000	0.1010	0.1993	0.3026	0.3999	0.5000	0.5996	0.7039	0.8005
$\eta/(mPa\ s)$	0.692	0.590	0.535	0.498	0.463	0.455	0.445	0.442	0.444
x_1	0.9028	1.0000							
$\eta/(mPa\ s)$	0.457	0.474							
1315	C₃H₆O₃ (1) C₆H₁₄O₃ (2)		carbonic acid dimethyl ester 1-methoxy-2-(2-methoxy-ethoxy)-ethane					616-38-6 111-96-6	
$T/K = 298.15$	98P3								
x_2	0.0000	0.0428	0.0832	0.1490	0.2102	0.2752	0.3253	0.3937	0.4775
$\eta/(mPa\ s)$	0.589	0.608	0.626	0.660	0.639	0.723	0.752	0.784	0.818
x_2	0.5765	0.6623	0.7219	0.8014	0.8649	0.8944	0.9047	0.9232	0.9316
$\eta/(mPa\ s)$	0.855	0.884	0.903	0.930	0.949	0.958	0.961	0.966	0.969
x_2	0.9372	0.9528	1.0000						
$\eta/(mPa\ s)$	0.970	0.975	0.990						
$T/K = 308.15$	98P3								
x_2	0.0000	0.0428	0.0832	0.1490	0.2102	0.2752	0.3253	0.3937	0.4775
$\eta/(mPa\ s)$	0.520	0.536	0.550	0.576	0.600	0.626	0.647	0.674	0.701
x_2	0.5765	0.6623	0.7219	0.8014	0.8649	0.8944	0.9047	0.9232	0.9316
$\eta/(mPa\ s)$	0.733	0.758	0.774	0.792	0.807	0.813	0.816	0.821	0.823

x_2	0.9372	0.9528	1.0000
η /(mPa s)	0.823	0.826	0.839

$T/K = 318.15$

98P3

x_2	0.0000	0.0428	0.0832	0.1490	0.2102	0.2752	0.3253	0.3937	0.4775
η /(mPa s)	0.472	0.485	0.496	0.516	0.536	0.556	0.571	0.592	0.615

x_2	0.5765	0.6623	0.7219	0.8014	0.8649	0.8944	0.9047	0.9232	0.9316
η /(mPa s)	0.641	0.661	0.675	0.691	0.702	0.708	0.710	0.713	0.714

x_2	0.9372	0.9528	1.0000
η /(mPa s)	0.715	0.718	0.728

1316 **C₃H₆O₃ (1)** **carbonic acid dimethyl ester** **616-38-6**
C₈H₁₈O₄ (2) **1,2-bis-(2-methoxy-ethoxy)-ethane** **112-49-2**

$T/K = 298.15$

98P1

x_2	0.0000	0.0029	0.0133	0.0209	0.0436	0.0642	0.0947	0.1187	0.1459
η /(mPa s)	0.589	0.592	0.606	0.618	0.651	0.679	0.721	0.753	0.792

x_2	0.1856	0.2147	0.2593	0.3084	0.3099	0.3614	0.4011	0.4433	0.5005
η /(mPa s)	0.846	0.888	0.953	1.026	1.025	1.099	1.157	1.221	1.303

x_2	0.5659	0.6004	0.6515	0.6923	0.7622	0.8150	0.8324	0.9158	0.9541
η /(mPa s)	1.396	1.449	1.524	1.585	1.673	1.740	1.760	1.860	1.899

x_2	1.0000
η /(mPa s)	1.950

1317 **C₃H₆O₃ (1)** **carbonic acid dimethyl ester** **616-38-6**
C₁₀H₂₂O₅ (2) **1,11-dimethoxy-3,6,9-trioxa-undecane** **143-24-8**

$T/K = 298.15$

99P2

x_2	0.0000	0.0013	0.0051	0.0117	0.0228	0.0349	0.0584	0.0861	0.1164
η /(mPa s)	0.589	0.595	0.603	0.623	0.642	0.673	0.726	0.792	0.875

x_2	0.1595	0.2094	0.3042	0.3316	0.3593	0.3994	0.4379	0.4770	0.5477
η /(mPa s)	0.994	1.132	1.414	1.499	1.576	1.703	1.815	1.945	2.159

x_2	0.6174	0.6892	0.7492	0.7839	0.8643	0.9142	0.9490	0.9732	1.0000
η /(mPa s)	2.382	2.606	2.781	2.888	3.113	3.237	3.324	3.369	3.394

1318 **C₃H₇NO (1)** **N,N-dimethyl-formamide** **68-12-2**
C₃H₈O (2) **propan-1-ol** **71-23-8**

$T/K = 298.15$

94K6

x_1	0.0000	0.0961	0.1952	0.2934	0.3950	0.4923	0.5929	0.6940	0.7965
η /(mPa s)	2.0040	1.7292	1.5531	1.3930	1.2517	1.1380	1.0623	0.9931	0.9182

x_1	0.8963	1.0000
η /(mPa s)	0.8603	0.8024

1319	C₃H₇NO (1) C₃H₈O (2)		N-methyl-acetamide propan-1-ol							79-16-3 71-23-8
$T/K = 303.15$										
x_1	0.1069	0.1939	0.3142	0.3918	0.4791	0.5976	0.6966	0.7922	0.9015	
$\eta /(\text{mPa s})$	1.816	1.891	2.033	2.142	2.289	2.537	2.785	3.066	3.443	
x_1	1.0000									
$\eta /(\text{mPa s})$	3.829									
1320	C₃H₇NO (1) C₃H₈O (2)		N-methyl-acetamide propan-2-ol							79-16-3 67-63-0
$T/K = 303.15$										
x_1	0.1100	0.2078	0.3061	0.3988	0.4962	0.5547	0.6962	0.8005	0.8927	
$\eta /(\text{mPa s})$	1.922	2.005	2.099	2.217	2.377	2.490	2.824	3.115	3.418	
x_1	1.0000									
$\eta /(\text{mPa s})$	3.829									
1321	C₃H₇NO (1) C₃H₈O₂ (2)		N,N-dimethyl-formamide 2-methoxy-ethanol							68-12-2 109-86-4
$T/K = 263.15$										
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956	
$\eta /(\text{mPa s})$	1.368	1.558	1.666	1.870	2.113	2.328	2.516	2.742	3.046	
x_2	0.8975	1.0000								
$\eta /(\text{mPa s})$	3.385	3.557								
$T/K = 268.15$										
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956	
$\eta /(\text{mPa s})$	1.255	1.421	1.515	1.682	1.886	2.068	2.232	2.425	2.671	
x_2	0.8975	1.0000								
$\eta /(\text{mPa s})$	2.936	3.093								
$T/K = 273.15$										
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956	
$\eta /(\text{mPa s})$	1.156	1.300	1.384	1.523	1.692	1.851	1.995	2.159	2.360	
x_2	0.8975	1.0000								
$\eta /(\text{mPa s})$	2.573	2.711								
$T/K = 278.15$										
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956	
$\eta /(\text{mPa s})$	1.069	1.196	1.270	1.388	1.532	1.669	1.795	1.935	2.100	
x_2	0.8975	1.0000								

η /(mPa s)	2.274	2.392							
T /K = 283.15									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.9927	1.105	1.171	1.271	1.393	1.513	1.624	1.742	1.879
x_2	0.8975	1.0000							
η /(mPa s)	2.023	2.125							
T /K = 288.15									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.9259	1.024	1.082	1.168	1.274	1.379	1.478	1.579	1.693
x_2	0.8975	1.0000							
η /(mPa s)	1.815	1.899							
T /K = 293.15									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.8668	0.9542	1.006	1.079	1.171	1.263	1.350	1.438	1.534
x_2	0.8975	1.0000							
η /(mPa s)	1.637	1.707							
T /K = 298.15									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.8135	0.8911	0.9374	1.001	1.080	1.162	1.239	1.314	1.397
x_2	0.8975	1.0000							
η /(mPa s)	1.485	1.542							
T /K = 303.15									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.7647	0.8341	0.8760	0.9329	1.003	1.074	1.141	1.206	1.277
x_2	0.8975	1.0000							
η /(mPa s)	1.352	1.399							
T /K = 308.15									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.7216	0.7835	0.8204	0.8713	0.9340	0.9961	1.055	1.111	1.173
x_2	0.8975	1.0000							
η /(mPa s)	1.237	1.275							
T /K = 313.15									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.6829	0.7379	0.7710	0.8161	0.8714	0.9281	0.9788	1.028	1.082
x_2	0.8975	1.0000							
η /(mPa s)	1.136	1.166							
T /K = 318.15									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.6458	0.6967	0.7265	0.7659	0.8152	0.8654	0.9109	0.9540	0.9994

x_2	0.8975	1.0000							
η /(mPa s)	1.047	1.071							
$T/K = 323.15$									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.6133	0.6593	0.6857	0.7207	0.7646	0.8094	0.8493	0.8879	0.9275
x_2	0.8975	1.0000							
η /(mPa s)	0.9671	0.9866							
$T/K = 328.15$									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.5840	0.6242	0.6485	0.6809	0.7202	0.7586	0.7936	0.8277	0.8637
x_2	0.8975	1.0000							
η /(mPa s)	0.8959	0.9124							
$T/K = 333.15$									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.5562	0.5943	0.6148	0.6441	0.6787	0.7114	0.7415	0.7721	0.8044
x_2	0.8975	1.0000							
η /(mPa s)	0.8300	0.8460							
$T/K = 338.15$									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.5319	0.5654	0.5841	0.6099	0.6411	0.6693	0.6953	0.7231	0.7503
x_2	0.8975	1.0000							
η /(mPa s)	0.7716	0.7871							
$T/K = 343.15$									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.5081	0.5382	0.5548	0.5790	0.6071	0.6311	0.6534	0.6789	0.7026
x_2	0.8975	1.0000							
η /(mPa s)	0.7195	0.7336							
$T/K = 348.15$									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.4844	0.5128	0.5297	0.5507	0.5755	0.5955	0.6146	0.6368	0.6576
x_2	0.8975	1.0000							
η /(mPa s)	0.6717	0.6851							
$T/K = 353.15$									95C4
x_2	0.0000	0.0979	0.1962	0.2947	0.3940	0.4937	0.5938	0.6947	0.7956
η /(mPa s)	0.4647	0.4910	0.5052	0.5250	0.5462	0.5615	0.5775	0.5970	0.6152
x_2	0.8975	1.0000							
η /(mPa s)	0.6271	0.6426							

1322 **C₃H₇NO (1)**
C₃H₈O₂ (2)

N,N-dimethyl-formamide
propane-1,2-diol

68-12-2
57-55-6

$T/K = 298.15$										94K4
x_1	0.0000	0.0954	0.1931	0.2899	0.3889	0.4872	0.5878	0.6893	0.7882	
$\eta /(\text{mPa s})$	41.760	31.780	22.950	17.220	11.802	7.9470	5.3414	3.4461	2.3432	
x_1	0.8870	1.0000								
$\eta /(\text{mPa s})$	1.3680	0.8024								
1323	C₃H₇NO (1)		N,N-dimethyl-formamide						68-12-2	
	C₄H₆N₂ (2)		3-methyl-1H-pyrazole						1453-58-3	
$T/^\circ\text{C} = 20.0$										73G1
x_2	0.0000	0.0927	0.1825	0.2828	0.3728	0.4703	0.5715	0.6751	0.7811	
$\eta /(\text{mPa s})$	0.9000	0.982	1.163	1.410	1.709	2.237	2.874	4.072	5.777	
x_2	0.8881	1.0000								
$\eta /(\text{mPa s})$	9.718	15.479								
$T/^\circ\text{C} = 30.0$										73G1
x_2	0.0000	0.0927	0.1825	0.2828	0.3728	0.4703	0.5715	0.6751	0.7811	
$\eta /(\text{mPa s})$	0.800	0.870	0.998	1.197	1.437	1.822	2.273	3.096	4.295	
x_2	0.8881	1.0000								
$\eta /(\text{mPa s})$	6.407	9.438								
$T/^\circ\text{C} = 40.0$										73G1
x_2	0.0000	0.0927	0.1825	0.2828	0.3728	0.4703	0.5715	0.6751	0.7811	
$\eta /(\text{mPa s})$	0.700	0.762	0.901	1.040	1.309	1.522	1.845	2.417	3.248	
x_2	0.8881	1.0000								
$\eta /(\text{mPa s})$	4.494	6.182								
$T/^\circ\text{C} = 50.0$										73G1
x_2	0.0000	0.0927	0.1825	0.2828	0.3728	0.4703	0.5715	0.6751	0.7811	
$\eta /(\text{mPa s})$	0.560	0.679	0.774	0.909	1.071	1.293	1.531	1.945	2.496	
x_2	0.8881	1.0000								
$\eta /(\text{mPa s})$	3.322	4.259								
$T/^\circ\text{C} = 60.0$										73G1
x_2	0.0000	0.0927	0.1825	0.2828	0.3728	0.4703	0.5715	0.6751	0.7811	
$\eta /(\text{mPa s})$	0.540	0.610	0.690	0.796	0.932	1.128	1.328	1.613	1.998	
x_2	0.8881	1.0000								
$\eta /(\text{mPa s})$	2.549	3.170								
$T/^\circ\text{C} = 70.0$										73G1
x_2	0.0000	0.0927	0.1825	0.2828	0.3728	0.4703	0.5715	0.6751	0.7811	
$\eta /(\text{mPa s})$	0.500	0.549	0.622	0.722	0.812	0.973	1.118	1.334	1.635	
x_2	0.8881	1.0000								
$\eta /(\text{mPa s})$	2.024	2.426								
$T/^\circ\text{C} = 80.0$										73G1

x_2	0.0000	0.0927	0.1825	0.2828	0.3728	0.4703	0.5715	0.6751	0.7811
η /(mPa s)	0.410	0.505	0.562	0.600	0.731	0.870	0.968	1.150	1.357
x_2	0.8881	1.0000							
η /(mPa s)	1.636	1.932							

1324 **C₃H₇NO (1)** **N,N-dimethyl-formamide** **68-12-2**
C₄H₈O (2) **butan-2-one** **78-93-3**

T /°C = 25.0 99S4

x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	0.8025	0.7485	0.6987	0.6509	0.6058	0.5619	0.5210	0.4818	0.4467

x_2	0.9	1.0							
η /(mPa s)	0.4138	0.3855							

T /°C = 35.0 99S4

x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	0.7103	0.6565	0.6118	0.5705	0.5295	0.4915	0.4554	0.4225	0.3914

x_2	0.9	1.0							
η /(mPa s)	0.3648	0.3441							

T /°C = 45.0 99S4

x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	0.6348	0.5825	0.5408	0.5006	0.4633	0.4269	0.3940	0.3636	0.3365

x_2	0.9	1.0							
η /(mPa s)	0.3147	0.2975							

T /°C = 25.0 82F1

x_1	0.000	0.085	0.183	0.309	0.413	0.493	0.613	0.662	0.685
η /(mPa s)	0.380	0.407	0.431	0.467	0.516	0.548	0.579	0.619	0.624

x_1	0.761	0.852	0.938	1.000					
η /(mPa s)	0.659	0.705	0.758	0.796					

1325 **C₃H₇NO (1)** **N,N-dimethyl-formamide** **68-12-2**
C₄H₈O (2) **tetrahydro-furan** **109-99-9**

T /°C = 25.0 72G1

x_2	0.0000	0.1004	0.2005	0.2994	0.3979	0.4955	0.5983	0.6998	0.7985
η /(mPa s)	0.8174	0.7821	0.7461	0.7101	0.6733	0.6352	0.5947	0.5583	0.5247

x_2	0.8984	1.0000							
η /(mPa s)	0.4961	0.4720							

T /°C = 30.0 72G1

x_2	0.00	0.10	0.20	0.30	0.35	0.40	0.45	0.50	0.55
η /(mPa s)	0.7670	0.7358	0.7042	0.6707	0.6525	0.6350	0.6167	0.5992	0.5810

x_2	0.60	0.65	0.70	0.75	0.80	0.85	0.90	1.00	
η /(mPa s)	0.5629	0.5460	0.5291	0.5137	0.4980	0.4841	0.4710	0.4484	
$T/^\circ\text{C} = 40.0$									72G1
x_2	0.00	0.10	0.20	0.30	0.35	0.40	0.45	0.50	0.55
η /(mPa s)	0.6822	0.6581	0.6316	0.6005	0.5855	0.5705	0.5551	0.5397	0.5244
x_2	0.60	0.65	0.70	0.80	0.85	0.90	1.00		
η /(mPa s)	0.5082	0.4926	0.4777	0.4495	0.4375	0.4264	0.4058		
$T/^\circ\text{C} = 50.0$									72G1
x_2	0.00	0.10	0.20	0.30	0.35	0.40	0.45	0.50	0.55
η /(mPa s)	0.6107	0.5892	0.5665	0.5421	0.5292	0.5159	0.5026	0.4893	0.4758
x_2	0.60	0.70	0.75	0.80	0.85	0.90	1.00		
η /(mPa s)	0.4624	0.4350	0.4232	0.4106	0.3997	0.3890	0.3707		

1326 **C₃H₇NO (1)** **N,N-dimethyl-formamide** **68-12-2**
C₄H₈O₂ (2) **acetic acid ethyl ester** **141-78-6**

$T/\text{K} = 303.15$ 89R3

x_1	0.0000	0.1045	0.1989	0.3148	0.4181	0.5390	0.6365	0.7171	0.8605
η /(mPa s)	0.440	0.468	0.494	0.526	0.545	0.579	0.615	0.646	0.702

x_1	1.0000
η /(mPa s)	0.767

1327 **C₃H₇NO (1)** **N-methyl-acetamide** **79-16-3**
C₄H₁₀O (2) **butan-1-ol** **71-36-3**

$T/\text{K} = 303.15$ 83P5

x_1	0.0988	0.2013	0.2993	0.3951	0.4945	0.5957	0.6947	0.8011	0.8918
η /(mPa s)	2.320	2.369	2.428	2.527	2.651	2.820	3.015	3.259	3.503

x_1	1.0000
η /(mPa s)	3.829

1328 **C₃H₇NO (1)** **N-methyl-acetamide** **79-16-3**
C₄H₁₀O (2) **2-methyl-propan-2-ol** **75-65-0**

$T/\text{K} = 303.15$ 83P5

x_1	0.0809	0.1017	0.2071	0.3102	0.4103	0.5002	0.6021	0.7095	0.8039
η /(mPa s)	4.253	4.365	4.448	4.220	4.026	3.864	3.776	3.752	3.747

x_1	0.9007	1.0000
η /(mPa s)	3.778	3.829

1329 **C₃H₇NO (1)** **N,N-dimethyl-formamide** **68-12-2**
C₄H₁₀O₃ (2) **2-(2-hydroxy-ethoxy)-ethanol** **111-46-6**

$T/^\circ\text{C} = 20.0$										71S1
x_1	0.0000	0.100	0.200	0.303	0.401	0.501	0.600	0.699	0.799	
$\eta/(\text{mPa s})$	36.07	25.33	17.56	11.95	8.235	5.642	3.869	2.661	1.835	
x_1	0.900	1.000								
$\eta/(\text{mPa s})$	1.259	0.855								
$T/^\circ\text{C} = 30.0$										71S1
x_1	0.0000	0.099	0.198	0.302	0.402	0.499	0.602	0.700	0.799	
$\eta/(\text{mPa s})$	22.35	16.29	11.81	8.313	5.290	4.261	2.998	2.134	1.530	
x_1	1.000									
$\eta/(\text{mPa s})$	0.753									
$T/^\circ\text{C} = 40.0$										71S1
x_1	0.0000	0.100	0.199	0.300	0.400	0.499	0.600	0.700	0.799	
$\eta/(\text{mPa s})$	14.06	11.17	8.268	6.131	4.503	3.323	2.425	1.771	1.307	
x_1	0.900	1.000								
$\eta/(\text{mPa s})$	0.934	0.673								
$T/^\circ\text{C} = 50.0$										71S1
x_1	0.0000	0.300	0.400	0.499	0.600	0.700	0.799	0.900	1.000	
$\eta/(\text{mPa s})$	10.36	4.632	3.507	2.646	1.989	1.490	1.114	0.823	0.606	
1330	$\text{C}_3\text{H}_7\text{NO}$ (1) $\text{C}_5\text{H}_{10}\text{O}_2$ (2)	N,N-dimethyl-formamide acetic acid isopropyl ester							68-12-2 108-21-4	
$T/\text{K} = 303.15$										89R3
x_1	0.0000	0.1058	0.2054	0.2923	0.4008	0.5063	0.6079	0.7015	0.8000	
$\eta/(\text{mPa s})$	0.497	0.510	0.529	0.548	0.574	0.604	0.634	0.664	0.697	
x_1	0.8982	1.0000								
$\eta/(\text{mPa s})$	0.729	0.767								
1331	$\text{C}_3\text{H}_7\text{NO}$ (1) $\text{C}_5\text{H}_{10}\text{O}_2$ (2)	N,N-dimethyl-formamide acetic acid propyl ester							68-12-2 109-60-4	
$T/\text{K} = 303.15$										89R3
x_1	0.0000	0.1007	0.2245	0.3191	0.4127	0.4996	0.6171	0.7027	0.8002	
$\eta/(\text{mPa s})$	0.537	0.578	0.612	0.636	0.652	0.665	0.685	0.694	0.727	
x_1	0.9023	1.0000								
$\eta/(\text{mPa s})$	0.750	0.767								
1332	$\text{C}_3\text{H}_7\text{NO}$ (1) $\text{C}_6\text{H}_5\text{Br}$ (2)	N,N-dimethyl-formamide bromobenzene							68-12-2 108-86-1	
$T/\text{K} = 303.15$										96R3

x_1	0.0000	0.0879	0.2075	0.3085	0.4055	0.5063	0.6027	0.6877	0.8054	
$\eta /(\text{mPa s})$	0.985	0.982	0.973	0.963	0.949	0.931	0.905	0.879	0.831	
x_1	0.9002	1.0000								
$\eta /(\text{mPa s})$	0.789	0.737								
$T/\text{K} = 313.15$									96R3	
x_1	0.0000	0.0879	0.2075	0.3085	0.4055	0.5063	0.6027	0.6877	0.8054	
$\eta /(\text{mPa s})$	0.895	0.889	0.879	0.870	0.854	0.838	0.816	0.792	0.749	
x_1	0.9001	1.0000								
$\eta /(\text{mPa s})$	0.711	0.671								
$T/^\circ\text{C} = 30.0$									92A3	
x_2	0.0000	0.1009	0.2033	0.3014	0.4185	0.5025	0.6012	0.7028	0.8022	
$\eta /(\text{mPa s})$	0.765	0.830	0.877	0.919	0.945	0.980	0.999	1.015	1.021	
x_2	0.9021	1.0000								
$\eta /(\text{mPa s})$	1.026	1.003								
$T/^\circ\text{C} = 35.0$									92A3	
x_2	0.0000	0.1009	0.2033	0.3014	0.4185	0.5025	0.6012	0.7028	0.8022	
$\eta /(\text{mPa s})$	0.719	0.777	0.822	0.860	0.900	0.916	0.934	0.948	0.958	
x_2	0.9021	1.0000								
$\eta /(\text{mPa s})$	0.964	0.942								
$T/^\circ\text{C} = 40.0$									92A3	
x_2	0.0000	0.1009	0.2033	0.3014	0.4185	0.5025	0.6012	0.7028	0.8022	
$\eta /(\text{mPa s})$	0.676	0.727	0.770	0.804	0.842	0.857	0.874	0.890	0.898	
x_2	0.9021	1.0000								
$\eta /(\text{mPa s})$	0.903	0.885								
1333	$\text{C}_3\text{H}_7\text{NO}$ (1)	$\text{C}_6\text{H}_5\text{Cl}$ (2)	N,N-dimethyl-formamide						68-12-2	108-90-7
			chlorobenzene							
$T/\text{K} = 303.15$									96R3	
x_1	0.0000	0.1076	0.2019	0.2986	0.3970	0.5024	0.6054	0.7013	0.7925	
$\eta /(\text{mPa s})$	0.714	0.731	0.745	0.760	0.767	0.769	0.773	0.774	0.771	
x_1	0.8973	1.0000								
$\eta /(\text{mPa s})$	0.754	0.737								
$T/\text{K} = 313.15$									96R3	
x_1	0.0000	0.1076	0.2019	0.2986	0.3970	0.5024	0.6054	0.7013	0.7925	
$\eta /(\text{mPa s})$	0.639	0.661	0.673	0.683	0.690	0.694	0.695	0.694	0.688	
x_1	0.8973	1.0000								
$\eta /(\text{mPa s})$	0.681	0.671								
$T/^\circ\text{C} = 30.0$									92A3	

x_1	0.0000	0.1011	0.1976	0.2952	0.3951	0.4937	0.5931	0.6964	0.7940
η /(mPa s)	0.723	0.753	0.772	0.786	0.798	0.806	0.808	0.807	0.799
x_1	0.8962	1.0000							
η /(mPa s)	0.788	0.765							
T /°C = 35.0									92A3
x_1	0.0000	0.1011	0.1976	0.2952	0.3951	0.4937	0.5931	0.6964	0.7940
η /(mPa s)	0.683	0.711	0.727	0.738	0.749	0.756	0.759	0.757	0.750
x_1	0.8962	1.0000							
η /(mPa s)	0.741	0.719							
T /°C = 40.0									92A3
x_1	0.0000	0.1011	0.1976	0.2952	0.3951	0.4937	0.5931	0.6964	0.7940
η /(mPa s)	0.643	0.699	0.683	0.694	0.703	0.709	0.711	0.710	0.705
x_1	0.8962	1.0000							
η /(mPa s)	0.696	0.676							
1334	C₃H₇NO (1) C₆H₅ClO (2)		N,N-dimethyl-formamide 2-chloro-phenol						68-12-2 95-57-8
T /°C = 30.0									96B1
x_2	0.000	0.078	0.159	0.245	0.336	0.431	0.532	0.639	0.752
η /(mPa s)	0.790	0.958	1.219	1.633	2.171	3.144	4.188	5.306	5.134
x_2	0.872	1.000							
η /(mPa s)	4.129	2.934							
1335	C₃H₇NO (1) C₆H₅F (2)		N,N-dimethyl-formamide fluorobenzene						68-12-2 462-06-6
T /K = 298.15									91A1
x_2	0.0000	0.0997	0.2010	0.2999	0.3992	0.5001	0.5966	0.7001	0.7980
η /(mPa s)	0.8063	0.8010	0.7933	0.7792	0.7616	0.7317	0.7020	0.6764	0.6419
x_2	0.8974	1.0000							
η /(mPa s)	0.6118	0.5821							
T /K = 303.15									91A1
x_2	0.0000	0.0997	0.2010	0.2999	0.3992	0.5001	0.5966	0.7001	0.7980
η /(mPa s)	0.7616	0.7578	0.7455	0.7340	0.7148	0.6883	0.6599	0.6380	0.6061
x_2	0.8974	1.0000							
η /(mPa s)	0.5775	0.5501							
T /K = 308.15									91A1
x_2	0.0000	0.0997	0.2010	0.2999	0.3992	0.5001	0.5966	0.7001	0.7980
η /(mPa s)	0.7152	0.7109	0.7041	0.6881	0.6712	0.6469	0.6227	0.6009	0.5720
x_2	0.8974	1.0000							

η /(mPa s)	0.5460	0.5193							
T /K = 313.15									91A1
x_2	0.0000	0.0997	0.2010	0.2999	0.3992	0.5001	0.5966	0.7001	0.7980
η /(mPa s)	0.6730	0.6678	0.6584	0.6471	0.6304	0.6077	0.5874	0.5649	0.5392
x_2	0.8974	1.0000							
η /(mPa s)	0.5157	0.4910							
1336	C₃H₇NO (1) C₆H₅NO₂ (2)		N,N-dimethyl-formamide nitrobenzene						68-12-2 98-95-3
T /K = 303.15									96R3
x_1	0.0000	0.1017	0.2145	0.3053	0.4040	0.5021	0.6003	0.6968	0.7975
η /(mPa s)	1.628	1.524	1.416	1.331	1.246	1.165	1.085	1.002	0.917
x_1	0.8975	1.0000							
η /(mPa s)	0.826	0.737							
T /K = 313.15									96R3
x_1	0.0000	0.1017	0.2145	0.3053	0.4040	0.5021	0.6003	0.6968	0.7975
η /(mPa s)	1.389	1.307	1.220	1.157	1.091	1.023	0.952	0.884	0.809
x_1	0.8975	1.0000							
η /(mPa s)	0.738	0.671							
T /K = 298.15									90J1
x_2	0.0000	0.0953	0.1999	0.3027	0.4044	0.5040	0.6035	0.7034	0.8011
η /(mPa s)	0.7987	0.9260	1.0261	1.1286	1.2310	1.3377	1.4409	1.5433	1.6378
x_2	0.8937	1.0000							
η /(mPa s)	1.7403	1.7729							
T /K = 303.15									90J1
x_2	0.0000	0.0953	0.1999	0.3027	0.4044	0.5040	0.6035	0.7034	0.8011
η /(mPa s)	0.7524	0.8671	0.9585	1.0528	1.1458	1.2461	1.3321	1.4230	1.5047
x_2	0.8937	1.0000							
η /(mPa s)	1.5946	1.6262							
T /K = 308.15									90J1
x_2	0.0000	0.0953	0.1999	0.3027	0.4044	0.5040	0.6035	0.7034	0.8011
η /(mPa s)	0.7077	0.8133	0.8949	0.9803	1.0750	1.1544	1.2318	1.3125	1.3887
x_2	0.8937	1.0000							
η /(mPa s)	1.4687	1.4975							
T /K = 313.15									90J1
x_2	0.0000	0.0953	0.1999	0.3027	0.4044	0.5040	0.6035	0.7034	0.8011
η /(mPa s)	0.6644	0.7628	0.8362	0.9134	0.9878	1.0704	1.1395	1.2140	1.2799
x_2	0.8937	1.0000							
η /(mPa s)	1.3508	1.3729							

1337	C₃H₇NO (1) C₆H₆ (2)	N,N-dimethyl-formamide benzene							68-12-2 71-43-2
<i>T</i> /K = 298.15									77A1
<i>x</i> ₂	0.0000	0.1225	0.2494	0.3745	0.4823	0.6236	0.7499	0.8733	1.0000
<i>η</i> /(mPa s)	0.7939	0.7645	0.7375	0.7121	0.6925	0.6672	0.6477	0.6245	0.6010
<i>T</i> /°C = 10.0									73R1
<i>x</i> ₁	0.00	0.10	0.25	0.33	0.50	0.67	1.00		
<i>η</i> /(mPa s)	0.763	0.787	0.822	0.840	0.878	0.921	0.980		
<i>T</i> /°C = 25.0									73R1
<i>x</i> ₁	0.00	0.10	0.25	0.33	0.50	0.67	1.00		
<i>η</i> /(mPa s)	0.603	0.617	0.642	0.662	0.692	0.725	0.813		
<i>T</i> /°C = 40.0									73R1
<i>x</i> ₁	0.00	0.10	0.25	0.33	0.50	0.67	1.00		
<i>η</i> /(mPa s)	0.494	0.508	0.533	0.547	0.572	0.596	0.683		
1338	C₃H₇NO (1) C₆H₇N (2)	N,N-dimethyl-formamide aniline							68-12-2 62-53-3
<i>T</i> /K = 303.15									96R3
<i>x</i> ₁	0.0000	0.1013	0.2030	0.3061	0.4006	0.5013	0.6024	0.6967	0.8002
<i>η</i> /(mPa s)	3.078	2.783	2.508	2.273	2.048	1.812	1.571	1.341	1.115
<i>x</i> ₁	0.9059	1.0000							
<i>η</i> /(mPa s)	0.908	0.737							
<i>T</i> /K = 313.15									96R3
<i>x</i> ₁	0.0000	0.1013	0.2030	0.3061	0.4006	0.5013	0.6024	0.6967	0.8002
<i>η</i> /(mPa s)	2.327	2.131	1.957	1.793	1.640	1.474	1.300	1.135	0.960
<i>x</i> ₁	0.9059	1.0000							
<i>η</i> /(mPa s)	0.801	0.671							
1339	C₃H₇NO (1) C₆H₈N₂ (2)	N,N-dimethyl-formamide hexanedinitrile							68-12-2 111-69-3
<i>T</i> /K = 298.15									95O2
<i>x</i> ₂	0.0000	0.1051	0.2983	0.3971	0.4975	0.5919	0.6983	0.8486	1.0000
<i>η</i> /(mPa s)	0.7675	0.9087	1.3347	1.6365	2.0014	2.4132	2.9567	3.8208	4.9049
1340	C₃H₇NO (1) C₆H₁₂ (2)	N,N-dimethyl-formamide cyclohexane							68-12-2 110-82-7

$T/^\circ\text{C} = 25.0$										90M1
w_1	0.625	0.714	0.769	0.833	0.909	1.000				
$\eta/(\text{mPa s})$	0.76	0.76	0.75	0.74	0.78	0.80				
1341	C₃H₇NO (1) C₆H₁₂O₂ (2)	N,N-dimethyl-formamide acetic acid butyl ester						68-12-2 123-86-4		
$T/\text{K} = 303.15$										89R3
x_1	0.0000	0.1077	0.1992	0.3026	0.4155	0.5130	0.6230	0.7045	0.8029	
$\eta/(\text{mPa s})$	0.626	0.652	0.671	0.681	0.691	0.708	0.719	0.727	0.739	
x_1	0.9024	1.0000								
$\eta/(\text{mPa s})$	0.751	0.767								
1342	C₃H₇NO (1) C₇H₈ (2)	N,N-dimethyl-formamide toluene						68-12-2 108-88-3		
$T/\text{K} = 303.15$										96R3
x_1	0.0000	0.1037	0.1731	0.2947	0.3985	0.4729	0.6004	0.7147	0.7974	
$\eta/(\text{mPa s})$	0.521	0.542	0.556	0.581	0.602	0.618	0.645	0.670	0.688	
x_1	0.8981	1.0000								
$\eta/(\text{mPa s})$	0.712	0.737								
$T/\text{K} = 313.15$										96R3
x_1	0.0000	0.1037	0.1731	0.2947	0.3985	0.4729	0.6004	0.7147	0.7974	
$\eta/(\text{mPa s})$	0.478	0.491	0.505	0.522	0.543	0.560	0.583	0.604	0.622	
x_1	0.8981	1.0000								
$\eta/(\text{mPa s})$	0.643	0.671								
$T/^\circ\text{C} = 20.0$										93P2
x_2	0.0000	0.1026	0.2479	0.3980	0.5476	0.6986	0.8495	1.0000		
$\eta/(\text{mPa s})$	0.868	0.827	0.787	0.748	0.705	0.685	0.624	0.591		
$T/^\circ\text{C} = 25.0$										93P2
x_2	0.0000	0.1026	0.2479	0.3980	0.5476	0.6986	0.8495	1.0000		
$\eta/(\text{mPa s})$	0.801	0.778	0.740	0.702	0.662	0.628	0.588	0.552		
$T/^\circ\text{C} = 30.0$										93P2
x_2	0.0000	0.1026	0.2479	0.3980	0.5476	0.6986	0.8495	1.0000		
$\eta/(\text{mPa s})$	0.754	0.733	0.695	0.662	0.627	0.592	0.555	0.522		
$T/^\circ\text{C} = 35.0$										93P2
x_2	0.0000	0.1026	0.2479	0.3980	0.5476	0.6986	0.8495	1.0000		
$\eta/(\text{mPa s})$	0.703	0.678	0.645	0.611	0.577	0.546	0.514	0.484		
$T/^\circ\text{C} = 30.0$										92A3
x_1	0.0000	0.1026	0.2030	0.2972	0.4014	0.5000	0.6011	0.7027	0.7984	

η /(mPa s)	0.527	0.561	0.582	0.603	0.627	0.650	0.673	0.700	0.720
x_1	0.8981	1.0000							
η /(mPa s)	0.746	0.765							
T /°C = 35.0									92A3
x_1	0.0000	0.1026	0.2030	0.2972	0.4014	0.5000	0.6011	0.7027	0.7984
η /(mPa s)	0.498	0.530	0.550	0.569	0.590	0.611	0.633	0.656	0.667
x_1	0.8981	1.0000							
η /(mPa s)	0.701	0.719							
T /°C = 40.0									92A3
x_1	0.0000	0.1026	0.2030	0.2972	0.4014	0.5000	0.6011	0.7027	0.7984
η /(mPa s)	0.470	0.499	0.518	0.535	0.556	0.575	0.595	0.618	0.636
x_1	0.8981	1.0000							
η /(mPa s)	0.659	0.676							
T /°C = 25.0									70H1
x_1	0.0000	0.2098	0.3752	0.5388	0.6379	0.7764	0.8883	1.0000	
η /(mPa s)	0.553	0.597	0.634	0.692	0.716	0.738	0.759	0.800	
T /°C = 30.0									70H1
x_1	0.0000	0.2098	0.3752	0.5388	0.6379	0.7764	0.8883	1.0000	
η /(mPa s)	0.517	0.568	0.600	0.643	0.685	0.703	0.723	0.755	
T /°C = 35.0									70H1
x_1	0.0000	0.2098	0.3752	0.5388	0.6379	0.7764	0.8883	1.0000	
η /(mPa s)	0.479	0.522	0.552	0.597	0.620	0.653	0.679	0.709	
1343	C₃H₇NO (1) C₇H₈O (2)		N,N-dimethyl-formamide 2-methyl-phenol						68-12-2 95-48-7
T /°C = 30.0									96B1
x_2	0.000	0.077	0.157	0.242	0.332	0.427	0.528	0.635	0.749
η /(mPa s)	0.790	1.437	1.966	2.537	3.208	4.316	5.156	6.757	7.342
x_2	0.870	1.000							
η /(mPa s)	7.782	7.274							
1344	C₃H₇NO (1) C₇H₈O (2)		N,N-dimethyl-formamide 4-methyl-phenol						68-12-2 106-44-5
T /K = 303.15									95U1
x_2	0.0000	0.0758	0.1553	0.2404	0.3298	0.4247	0.5255	0.6327	0.7472
η /(mPa s)	0.733	0.908	1.098	1.444	1.832	2.452	3.351	4.534	6.256
x_2	0.8692	1.0000							
η /(mPa s)	7.994	10.070							

$T/K = 308.15$										95U1
x_2	0.0000	0.0758	0.1553	0.2404	0.3298	0.4247	0.5255	0.6327	0.7472	
$\eta /(\text{mPa s})$	0.719	0.787	0.988	1.208	1.611	2.165	2.886	3.905	5.298	
x_2	0.8692	1.0000								
$\eta /(\text{mPa s})$	6.386	7.741								
$T/K = 313.15$										95U1
x_2	0.0000	0.0758	0.1553	0.2404	0.3298	0.4247	0.5255	0.6327	0.7472	
$\eta /(\text{mPa s})$	0.640	0.769	0.913	1.284	1.465	1.952	2.562	3.375	4.489	
x_2	0.8692	1.0000								
$\eta /(\text{mPa s})$	5.777	6.216								
$T/K = 318.15$										95U1
x_2	0.0000	0.0758	0.1553	0.2404	0.3298	0.4247	0.5255	0.6327	0.7472	
$\eta /(\text{mPa s})$	0.597	0.732	0.845	1.087	1.339	1.755	2.273	2.954	3.852	
x_2	0.8692	1.0000								
$\eta /(\text{mPa s})$	4.485	5.292								
1345	C₃H₇NO (1) C₇H₈O (2)		N,N-dimethyl-formamide phenylmethanol							68-12-2 100-51-6
$T/K = 298.15$										96K1
x_1	0.0000	0.0650	0.1294	0.2580	0.3142	0.3650	0.4724	0.5731	0.7580	
$\eta /(\text{mPa s})$	5.814	5.140	4.558	3.589	3.206	2.893	2.416	2.036	1.437	
x_1	0.9235	1.0000								
$\eta /(\text{mPa s})$	1.010	0.8024								
1346	C₃H₇NO (1) C₇H₁₄O₂ (2)		N,N-dimethyl-formamide acetic acid 3-methyl-butyl ester							68-12-2 123-92-2
$T/K = 303.15$										89R3
x_1	0.0000	0.1387	0.2175	0.3296	0.4094	0.5401	0.6102	0.7014	0.7617	
$\eta /(\text{mPa s})$	0.779	0.765	0.776	0.781	0.788	0.792	0.795	0.801	0.804	
x_1	0.8977	1.0000								
$\eta /(\text{mPa s})$	0.790	0.767								
1347	C₃H₇NO (1) C₇H₁₆ (2)		N,N-dimethyl-formamide heptane							68-12-2 142-82-5
$T/^\circ\text{C} = 20.0$										93P2
x_2	0.0000	0.0303	0.0449	0.9700	0.9803	1.0000				
$\eta /(\text{mPa s})$	0.868	0.829	0.810	0.415	0.413	0.413				
$T/^\circ\text{C} = 25.0$										93P2

x_2	0.0000	0.0303	0.0449	0.0752	0.9607	0.9700	0.9803	1.0000	
η /(mPa s)	0.801	0.777	0.765	0.747	0.392	0.391	0.389	0.388	
T /°C = 30.0									93P2
x_2	0.0000	0.0303	0.0449	0.0752	0.9607	0.9700	0.9803	1.0000	
η /(mPa s)	0.754	0.727	0.708	0.694	0.370	0.367	0.368	0.372	
T /°C = 35.0									93P2
x_2	0.0000	0.0303	0.0449	0.0752	0.0848	0.9521	0.9607	0.9803	1.0000
η /(mPa s)	0.703	0.677	0.665	0.651	0.643	0.348	0.347	0.345	0.347
1348	C₃H₇NO (1) C₈H₈ (2)		N,N-dimethyl-formamide vinylbenzene						68-12-2 100-42-5
T /K = 298.15									98A5
x_2	0.0000	0.1090	0.2013	0.2959	0.3998	0.5052	0.6012	0.6979	0.8049
η /(mPa s)	0.816	0.831	0.845	0.854	0.858	0.860	0.856	0.847	0.825
x_2	0.8976	1.0000							
η /(mPa s)	0.794	0.708							
T /K = 303.15									98A5
x_2	0.0000	0.1090	0.2013	0.2959	0.3998	0.5052	0.6012	0.6979	0.8049
η /(mPa s)	0.766	0.780	0.790	0.801	0.804	0.802	0.798	0.790	0.768
x_2	0.8976	1.0000							
η /(mPa s)	0.735	0.663							
T /K = 308.15									98A5
x_2	0.0000	0.1090	0.2013	0.2959	0.3998	0.5052	0.6012	0.6979	0.8049
η /(mPa s)	0.722	0.732	0.742	0.749	0.750	0.749	0.746	0.739	0.717
x_2	0.8976	1.0000							
η /(mPa s)	0.685	0.623							
1349	C₃H₇NO (1) C₈H₁₀ (2)		N,N-dimethyl-formamide ethylbenzene						68-12-2 100-41-4
T /K = 303.15									96R3
x_1	0.0000	0.0997	0.1997	0.2999	0.4154	0.5109	0.5840	0.6991	0.8014
η /(mPa s)	0.584	0.597	0.614	0.631	0.652	0.667	0.679	0.696	0.709
x_1	0.8872	1.0000							
η /(mPa s)	0.719	0.737							
T /K = 313.15									96R3
x_1	0.0000	0.0997	0.1996	0.2997	0.4154	0.5109	0.5840	0.6991	0.8014
η /(mPa s)	0.531	0.542	0.556	0.568	0.584	0.597	0.608	0.625	0.641
x_1	0.8872	1.0000							
η /(mPa s)	0.652	0.671							

$T/^\circ\text{C} = 25.0$										70H1
x_1	0.0000	0.3294	0.5012	0.5531	0.7244	0.8908	1.0000			
$\eta/(\text{mPa s})$	0.624	0.684	0.717	0.726	0.756	0.783	0.800			
$T/^\circ\text{C} = 30.0$										70H1
x_1	0.0000	0.3294	0.5012	0.5531	0.7244	0.8908	1.0000			
$\eta/(\text{mPa s})$	0.578	0.636	0.668	0.676	0.707	0.715	0.755			
1350	C₃H₇NO (1) C₈H₂₀O₄Si (2)	N,N-dimethyl-formamide silicic acid tetraethyl ester								68-12-2 78-10-4
$T/^\circ\text{C} = 20.0$										63V1
x_2	0.0000	0.0370	0.0796	0.1321	0.1866	0.2563	0.3409	0.4460	0.5793	
$\eta/(\text{mPa s})$	0.8583	0.8474	0.8530	0.8564	0.8400	0.8344	0.8190	0.8024	0.7812	
x_2	0.7561	1.0000								
$\eta/(\text{mPa s})$	0.7500	0.7147								
1351	C₃H₇NO₂ (1) C₆H₆ (2)	2-nitro-propane benzene								79-46-9 71-43-2
$T/\text{K} = 293.15$										88Y1
x_1	0.0000	0.0983	0.2123	0.2863	0.4048	0.5002	0.5981	0.7032	0.7847	
$\eta/(\text{mPa s})$	0.645	0.631	0.632	0.619	0.622	0.631	0.641	0.661	0.683	
x_1	0.9080	1.0000								
$\eta/(\text{mPa s})$	0.731	0.771								
1352	C₃H₇NO₂ (1) C₈H₁₀ (2)	2-nitro-propane 1,4-dimethyl-benzene								79-46-9 106-42-3
$T/\text{K} = 293.15$										88Y1
x_1	0.0000	0.1052	0.2079	0.2945	0.3973	0.4976	0.6039	0.7089	0.8008	
$\eta/(\text{mPa s})$	0.648	0.640	0.636	0.638	0.644	0.651	0.664	0.678	0.699	
x_1	0.8925	1.0000								
$\eta/(\text{mPa s})$	0.727	0.771								
1353	C₃H₇NO₂ (1) C₉H₁₂ (2)	2-nitro-propane 1,3,5-trimethyl-benzene								79-46-9 108-67-8
$T/\text{K} = 293.15$										88Y1
x_1	0.0000	0.0955	0.1983	0.2294	0.4005	0.5048	0.6007	0.7022	0.8014	
$\eta/(\text{mPa s})$	0.692	0.691	0.691	0.690	0.691	0.696	0.701	0.708	0.717	
x_1	0.8980	1.0000								
$\eta/(\text{mPa s})$	0.738	0.771								

1354	C₃H₈ (1) C₇H₈ (2)	propane toluene						74-98-6 108-88-3	
<i>T/K = 185.15</i>									81R1
x_1	0.0000	0.1881	0.2588	0.3441	0.4116	0.4975	0.6035	0.6479	0.7253
$\eta /(\text{mPa s})$	10.00	4.570	3.551	2.630	2.202	1.668	1.160	1.001	0.831
x_1	1.0000								
$\eta /(\text{mPa s})$	0.357								
<i>T/K = 220.15</i>									81R1
x_1	0.0000	0.0030	0.0792	0.1840	0.3052	0.3687	0.3874	0.5103	0.6098
$\eta /(\text{mPa s})$	2.369	2.315	1.860	1.450	1.100	0.971	0.935	0.638	0.574
x_1	0.7112	1.0000							
$\eta /(\text{mPa s})$	0.464	0.234							
<i>T/K = 275.15</i>									81R1
x_1	0.0000	0.1156	0.1548	0.2295	0.3777	0.4188	0.4716	0.5839	0.6767
$\eta /(\text{mPa s})$	0.750	0.646	0.603	0.537	0.423	0.381	0.346	0.289	0.242
x_1	1.0000								
$\eta /(\text{mPa s})$	0.125								
<i>(at equilibrium pressure)</i>									
<i>T/K = 300.15</i>									81R1
x_1	0.0000	0.0041	0.0432	0.0867	0.1391	0.1571	0.2061	0.2572	0.2998
$\eta /(\text{mPa s})$	0.560	0.549	0.510	0.481	0.453	0.430	0.407	0.371	0.347
x_1	0.3249	0.3429	0.4472	0.4810	0.5560	1.0000			
$\eta /(\text{mPa s})$	0.328	0.308	0.270	0.267	0.224	0.108			
<i>(at equilibrium pressure)</i>									
1355	C₃H₈ (1) C₇H₁₆ (2)	propane heptane						74-98-6 142-82-5	
<i>T/K = 185.15</i>									81R1
x_1	0.0000	0.0906	0.2586	0.3670	0.5099	0.5879	0.6429	0.7447	0.8205
$\eta /(\text{mPa s})$	3.386	2.821	1.962	1.439	1.149	1.109	0.849	0.708	0.620
x_1	1.0000								
$\eta /(\text{mPa s})$	0.357								
<i>T/K = 200.15</i>									81R1
x_1	0.0000	0.2130	0.2711	0.3526	0.4649	0.5970	0.7699	0.8470	1.0000
$\eta /(\text{mPa s})$	2.070	1.444	1.328	1.228	0.949	0.770	0.518	0.463	0.290
<i>T/K = 220.15</i>									81R1
x_1	0.0000	0.1595	0.1935	0.3563	0.4460	0.5538	0.6356	0.7316	0.8000

η /(mPa s)	1.215	1.012	0.983	0.802	0.713	0.582	0.537	0.450	0.383
x_1	1.0000								
η /(mPa s)	0.234								
T /K = 250.15									81R1
x_1	0.0000	0.0834	0.1071	0.1703	0.2371	0.3305	0.4360	0.5220	0.6095
η /(mPa s)	0.738	0.676	0.654	0.600	0.567	0.508	0.457	0.415	0.390
x_1	0.6756	0.7366	0.7857	0.9206	1.0000				
η /(mPa s)	0.356	0.326	297	0.271	0.172				
T /K = 275.15									81R1
x_1	0.0000	0.0383	0.1312	0.1922	0.2205	0.2965	0.3937	0.4825	0.5230
η /(mPa s)	0.522	0.513	0.482	0.440	0.432	0.397	0.365	0.335	0.320
x_1	0.5668	0.5990	0.7147	0.7989	0.8015	1.0000			
η /(mPa s)	0.311	0.295	0.260	0.228	0.228	0.125			
<i>(at equilibrium pressure)</i>									
T /K = 300.15									81R1
x_1	0.0000	0.1435	0.1979	0.2885	0.3419	0.4220	0.5048	0.6107	0.6794
η /(mPa s)	0.376	0.354	0.334	0.309	0.294	0.271	0.253	0.225	0.202
x_1	0.7324	0.8083	0.8548	1.0000					
η /(mPa s)	0.192	0.177	0.166	0.108					
<i>(at equilibrium pressure)</i>									

1356	C₃H₈O (1)		propan-1-ol						71-23-8
	C₃H₈O (2)		propan-2-ol						67-63-0
T /°C = 25.0									95H2
x_2	0.0000	0.1006	0.1966	0.2994	0.4064	0.5092	0.5908	0.7039	0.8001
η /(mPa s)	1.959	1.974	1.986	2.000	2.013	2.024	2.035	2.047	2.058
x_2	0.9012	1.0000							
η /(mPa s)	2.071	2.082							
T /°C = 25.0									95H2
x_2	0.0000	0.1006	0.1966	0.2994	0.4064	0.5092	0.5908	0.7039	0.8001
ν /(mm ² /s)	2.450	2.474	2.495	2.517	2.541	2.562	2.580	2.602	2.623
x_2	0.9012	1.0000							
ν /(mm ² /s)	2.646	2.666							
T /°C = 10.0									90S6
x_2	0.0000	0.0871	0.1464	0.2199	0.3692	0.4513	0.5201	0.6019	0.7416
ν /(mm ² /s)	3.5000	3.5500	3.6203	3.6503	3.7367	3.7932	3.8312	3.8887	4.0111
x_2	0.8573	0.9438	1.0000						
ν /(mm ² /s)	4.0740	4.1377	4.1940						

<i>T</i> /°C = 20.0										90S6
x_2	0.0000	0.0871	0.1464	0.2199	0.3692	0.4513	0.5201	0.6019	0.7416	
ν /(mm ² /s)	2.7578	2.7662	2.7918	2.8077	2.8868	2.9022	2.9242	2.9829	3.0006	
x_2	0.8573	0.9438	1.0000							
ν /(mm ² /s)	3.0064	3.0463	3.0808							
<i>T</i> /°C = 30.0										90S6
x_2	0.0000	0.0871	0.1464	0.2199	0.3692	0.4513	0.5201	0.6019	0.7416	
ν /(mm ² /s)	2.1799	2.1914	2.2052	2.2086	2.2310	2.2428	2.2530	2.2886	2.2698	
x_2	0.8573	0.9438	1.0000							
ν /(mm ² /s)	2.2813	2.2888	2.3054							
<i>T</i> /°C = 40.0										90S6
x_2	0.0000	0.0871	0.1464	0.2199	0.3692	0.4513	0.5201	0.6019	0.7416	
ν /(mm ² /s)	1.7634	1.7818	1.7927	1.7790	1.7725	1.7991	1.7896	1.7879	1.7915	
x_2	0.8573	0.9438	1.0000							
ν /(mm ² /s)	1.7806	1.7664	1.7629							
<i>T</i> /°C = 50.0										90S6
x_2	0.0000	0.0871	0.1464	0.2199	0.3692	0.4513	0.5201	0.6019	0.7416	
ν /(mm ² /s)	1.4505	1.4488	1.4490	1.4413	1.4375	1.4287	1.4135	1.4140	1.4017	
x_2	0.8573	0.9438	1.0000							
ν /(mm ² /s)	1.3941	1.3896	1.3777							
1357	C₃H₈O (1)		propan-1-ol							71-23-8
	C₃H₈O₂ (2)		2-methoxy-ethanol							109-86-4
<i>T</i> /K = 298.15										98P5
x_2	0.0000	0.0072	0.0141	0.0297	0.0471	0.0620	0.0797	0.0973	0.1162	
η /(mPa s)	1.951	1.938	1.926	1.898	1.867	1.844	1.821	1.792	1.767	
x_2	0.1639	0.2144	0.2667	0.3227	0.3699	0.4118	0.4575	0.4938	0.5359	
η /(mPa s)	1.713	1.666	1.624	1.589	1.567	1.548	1.532	1.521	1.510	
x_2	0.5856	0.6298	0.6793	0.7347	0.7779	0.8231	0.8729	0.9153	0.9597	
η /(mPa s)	1.503	1.497	1.494	1.493	1.494	1.497	1.502	1.507	1.520	
x_2	0.9808	1.0000								
η /(mPa s)	1.525	1.532								
<i>T</i> /K = 308.15										95R3
x_2	0.0000	0.1170	0.1795	0.3024	0.4526	0.5265	0.6439	0.7915	0.8693	
η /(mPa s)	1.466	1.362	1.319	1.260	1.207	1.192	1.185	1.182	1.174	
x_2	1.0000									
η /(mPa s)	1.189									
<i>T</i> /°C = 40.0										77C1
x_1	0.0000	0.0535	0.1042	0.1625	0.2013	0.2520	0.3018	0.3483	0.4052	

ν /(mm ² /s)	1.2595	1.2602	1.2612	1.2664	1.2711	1.2802	1.2841	1.2966	1.3102
x_1	0.4500	0.5041	0.5494	0.6021	0.6551	0.6935	0.7483	0.7977	0.8498
ν /(mm ² /s)	1.3221	1.3366	1.3562	1.3761	1.4092	1.4360	1.4752	1.5134	1.5718
x_1	0.8965	0.9468	1.0000						
ν /(mm ² /s)	1.6358	1.7030	1.7989						

1358 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₃H₈O₂ (2) **2-methoxy-ethanol** **109-86-4**

$T/K = 303.15$ 95K3

x_2	0.0000	0.0989	0.1681	0.3537	0.3880	0.5422	0.5877	0.7821	0.8235
η /(mPa s)	1.765	1.540	1.426	1.240	1.222	1.196	1.202	1.268	1.288

x_2	0.8851	1.0000							
η /(mPa s)	1.324	1.376							

1359 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₃H₉N (2) **propylamine** **107-10-8**

$T/K = 303.15$ 98O1

x_2	0.0000	0.0903	0.1862	0.2822	0.3807	0.4868	0.5804	0.6878	0.7825
η /(mPa s)	1.7843	1.5595	1.3435	1.1568	0.9888	0.8381	0.7151	0.5960	0.5123

x_2	0.9010	1.0000							
η /(mPa s)	0.4170	0.3512							

$T/K = 313.15$ 98O1

x_2	0.0000	0.0903	0.1862	0.2822	0.3807	0.4868	0.5804	0.6878	0.7825
η /(mPa s)	1.3970	1.2549	1.0962	0.9516	0.8187	0.6961	0.6034	0.5101	0.4401

x_2	0.9010	1.0000							
η /(mPa s)	0.3655	0.3123							

$T/K = 298.15$ 95P1

x_1	0.0000	0.0523	0.1008	0.2001	0.2985	0.3979	0.5037	0.5989	0.7015
η /(mPa s)	0.3650	0.3938	0.4276	0.5072	0.6113	0.7332	0.8640	1.0025	1.1860

x_1	0.7621	0.9032	0.9626	1.0000					
η /(mPa s)	1.3777	1.6705	1.8433	1.9680					

A table is given in the original source 95P1 for pressures up to 52 MPa. 95P1

1360 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₃H₉NO₂S (2) **N,N-dimethyl-methanesulfonamide** **918-05-8**

$T/K = 333.15$ 83P3

x_2	0.0000	0.1004	0.2008	0.2996	0.3987	0.4883	0.5989	0.6994	0.7955
η /(mPa s)	0.892	0.849	0.875	0.938	1.012	1.118	1.273	1.478	1.678

x_2 0.8780 1.0000
 η /(mPa s) 1.950 2.443

1361 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₃H₉NO₂S (2) **N,N-dimethyl-methanesulfonamide** **918-05-8**

T /K = 333.15 83P3

x_2 0.0000 0.1030 0.2037 0.3641 0.4114 0.5042 0.6054 0.7046 0.8094
 η /(mPa s) 0.795 0.772 0.810 0.927 0.976 1.087 1.253 1.435 1.704

x_2 0.9012 1.0000
 η /(mPa s) 2.029 2.443

1362 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₄H₆O₂ (2) **dihydro-furan-2-one** **96-48-0**

T /K = 303.15 91R2

x_2 0.0000 0.0991 0.2361 0.3269 0.4916 0.5165 0.6729 0.7532 0.8698
 η /(mPa s) 1.724 1.479 1.333 1.306 1.305 1.304 1.325 1.343 1.404

x_2 1.0000
 η /(mPa s) 1.574

1363 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₄H₆O₃ (2) **4-methyl-1,3-dioxolan-2-one** **108-32-7**

T /°C = 25.0 89R8

x_2 0.0000 0.0614 0.1283 0.2015 0.2818 0.3706 0.4690 0.5787 0.7019
 η /(mPa s) 2.07 1.84 1.74 1.68 1.64 1.64 1.65 1.70 1.80

x_2 0.8412 1.0000
 η /(mPa s) 2.04 2.52

T /°C = 30.0 89R8

x_2 0.0000 0.0614 0.1283 0.2015 0.2818 0.3706 0.4690 0.5787 0.7019
 η /(mPa s) 1.74 1.60 1.53 1.46 1.44 1.45 1.48 1.54 1.65

x_2 0.8412 1.0000
 η /(mPa s) 1.85 2.30

T /°C = 35.0 89R8

x_2 0.0000 0.0614 0.1283 0.2015 0.2818 0.3706 0.4690 0.5787 0.7019
 η /(mPa s) 1.55 1.44 1.37 1.31 1.29 1.29 1.32 1.39 1.49

x_2 0.8412 1.0000
 η /(mPa s) 1.68 2.11

1364 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₄H₇NO (2) **pyrrolidin-2-one** **616-45-5**

$T/K = 298.15$										91G1
x_2	0.0996	0.1989	0.2999	0.3971	0.4980	0.6003	0.6987	0.8000	0.8907	
$\eta^E/(\text{mPa s})$	-1.066	-1.991	-2.805	-3.473	-4.000	-4.299	-4.253	-3.772	-2.682	
$T/K = 303.15$										91G1
x_2	0.0996	0.1989	0.2999	0.3971	0.4980	0.6003	0.6987	0.8000	0.8907	
$\eta^E/(\text{mPa s})$	-0.845	-1.577	-2.198	-2.729	-3.127	-3.341	-3.282	-2.885	-2.033	
$T/K = 313.15$										91G1
x_2	0.0996	0.1989	0.2999	0.3971	0.4980	0.6003	0.6987	0.8000	0.8907	
$\eta^E/(\text{mPa s})$	-0.546	-1.020	-1.419	-1.745	-1.982	-2.094	-2.034	-1.762	-1.222	
$T/K = 323.15$										91G1
x_2	0.0996	0.1989	0.2999	0.3971	0.4980	0.6003	0.6987	0.8000	0.8907	
$\eta^E/(\text{mPa s})$	-0.374	-0.693	-0.964	-1.171	-1.320	-1.385	-1.332	-1.141	-0.781	
$T/K = 333.15$										91G1
x_2	0.0996	0.1989	0.2999	0.3971	0.4980	0.6003	0.6987	0.8000	0.8907	
$\eta^E/(\text{mPa s})$	-0.263	-0.491	-0.682	-0.824	-0.925	-0.957	-0.902	-0.780	-0.531	
1365	C₃H₈O (1)		propan-1-ol						71-23-8	
	C₄H₈O (2)		butan-2-one						78-93-3	
$T/^\circ\text{C} = 35.0$										94G2
x_1	0.2	0.4	0.6	0.8						
$\eta^E/(\text{mPa s})$	-0.1825	-0.3338	-0.4149	-0.3736						
$T/^\circ\text{C} = 40.0$										94G2
x_1	0.2	0.4	0.6	0.8						
$\eta^E/(\text{mPa s})$	-0.1553	-0.2774	-0.3557	-0.3147						
$T/^\circ\text{C} = 45.0$										94G2
x_1	0.2	0.4	0.6	0.8						
$\eta^E/(\text{mPa s})$	-0.1301	-0.2294	-0.2886	-0.2372						
1366	C₃H₈O (1)		propan-1-ol						71-23-8	
	C₄H₈O₂ (2)		acetic acid ethyl ester						141-78-6	
$T/K = 298.15$										96N2
x_2	0.0000	0.0704	0.1455	0.2260	0.3124	0.4052	0.5053	0.6137	0.7315	
$\eta/(\text{mPa s})$	1.940	1.530	1.217	0.981	0.809	0.694	0.608	0.548	0.494	
x_2	0.8597	1.0000								
$\eta/(\text{mPa s})$	0.454	0.424								
$T/K = 303.15$										96N2
x_2	0.0000	0.0704	0.1455	0.2260	0.3124	0.4052	0.5053	0.6137	0.7315	
$\eta/(\text{mPa s})$	1.721	1.378	1.091	0.893	0.740	0.649	0.566	0.509	0.460	

x_2	0.8597	1.0000							
$\eta /(\text{mPa s})$	0.429	0.400							
$T/\text{K} = 308.15$									96N2
x_2	0.0000	0.0704	0.1455	0.2260	0.3124	0.4052	0.5053	0.6137	0.7315
$\eta /(\text{mPa s})$	1.526	1.237	0.979	0.816	0.684	0.594	0.535	0.472	0.434
x_2	0.8597	1.0000							
$\eta /(\text{mPa s})$	0.405	0.385							
1367	C₃H₈O (1) C₄H₈O₂ (2)		propan-2-ol acetic acid ethyl ester						67-63-0 141-78-6
$T/\text{K} = 298.15$									96N2
x_2	0.0000	0.0704	0.1454	0.2259	0.3122	0.4051	0.5052	0.6138	0.7313
$\eta /(\text{mPa s})$	2.049	1.460	1.141	0.914	0.754	0.640	0.567	0.513	0.470
x_2	0.8599	1.0000							
$\eta /(\text{mPa s})$	0.449	0.424							
$T/\text{K} = 303.15$									96N2
x_2	0.0000	0.0704	0.1454	0.2259	0.3122	0.4051	0.5052	0.6138	0.7313
$\eta /(\text{mPa s})$	1.781	1.275	0.982	0.822	0.688	0.593	0.527	0.483	0.442
x_2	0.8599	1.0000							
$\eta /(\text{mPa s})$	0.425	0.400							
$T/\text{K} = 308.15$									96N2
x_2	0.0000	0.0704	0.1454	0.2259	0.3122	0.4051	0.5052	0.6138	0.7313
$\eta /(\text{mPa s})$	1.551	1.158	0.905	0.746	0.634	0.550	0.490	0.448	0.416
x_2	0.8599	1.0000							
$\eta /(\text{mPa s})$	0.401	0.385							
$T/^\circ\text{C} = 20.0$									89W1
x_1	0.0000	0.0705	0.1458	0.2263	0.3127	0.4057	0.5059	0.6143	
$\eta /(\text{mPa s})$	0.44977	0.49285	0.54747	0.61950	0.71000	0.82857	1.02714	1.29571	
x_1	0.7319	0.8600	1.0000						
$\eta /(\text{mPa s})$	1.58571	1.94687	2.37220						
$T/^\circ\text{C} = 25.0$									89W1
x_1	0.0000	0.0705	0.1458	0.2263	0.3127	0.4057	0.5059	0.6143	
$\eta /(\text{mPa s})$	0.42830	0.45000	0.49950	0.54140	0.61668	0.70000	0.84850	1.07140	
x_1	0.7319	0.8600	1.0000						
$\eta /(\text{mPa s})$	1.40437	1.70500	2.05270						
$T/^\circ\text{C} = 30.0$									89W1
x_1	0.0000	0.0705	0.1458	0.2263	0.3127	0.4057	0.5059	0.6143	
$\eta /(\text{mPa s})$	0.40100	0.41428	0.43857	0.47474	0.52857	0.59714	0.69702	0.89714	
x_1	0.7319	0.8600	1.0000						

η /(mPa s) 1.20900 1.46032 1.77100

1368 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₄H₈O₂ (2) **1,4-dioxane** **123-91-1**

T /K = 298.15 97G2

x_2 0.0962 0.1584 0.1983 0.2085 0.2445 0.3054 0.3505 0.4027 0.4472
 η^E /(mPa s) -0.237 -0.328 -0.375 -0.388 -0.426 -0.461 -0.469 -0.474 -0.461

x_2 0.4930 0.5466 0.5968 0.6502 0.6936 0.7566 0.8322 0.9470
 η^E /(mPa s) -0.427 -0.407 -0.379 -0.338 -0.296 -0.250 -0.178 -0.076

1369 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₄H₈O₂S (2) **tetrahydro-thiophene-1,1-dioxide** **126-33-0**

T /°C = 30.0 74J1

x_2 0.0000 0.0761 0.1702 0.2436 0.3357 0.4393 0.5374 0.6403 0.7554
 η /(mPa s) 1.739 1.648 1.731 1.863 2.093 2.443 2.894 3.567 4.714

x_2 0.8835 1.0000
 η /(mPa s) 6.855 10.295

T /°C = 35.0 74J1

x_2 0.0000 0.0761 0.1702 0.2436 0.3357 0.4393 0.5374 0.6403 0.7554
 η /(mPa s) 1.549 1.477 1.551 1.671 1.876 2.191 2.595 3.198 4.214

x_2 0.8835 1.0000
 η /(mPa s) 6.070 9.033

T /°C = 40.0 74J1

x_2 0.0000 0.0761 0.1702 0.2436 0.3357 0.4393 0.5374 0.6403 0.7554
 η /(mPa s) 1.384 1.329 1.399 1.506 1.691 1.976 2.342 2.884 3.788

x_2 0.8835 1.0000
 η /(mPa s) 5.424 8.007

1370 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₄H₈O₂S (2) **tetrahydro-thiophene-1,1-dioxide** **126-33-0**

T /°C = 30.0 74J1

x_2 0.0000 0.0756 0.1606 0.2446 0.3418 0.4362 0.5514 0.6552 0.7540
 η /(mPa s) 1.797 1.634 1.705 1.823 2.067 2.386 2.940 3.662 4.701

x_2 0.8754 1.0000
 η /(mPa s) 6.713 10.295

T /°C = 35.0 74J1

x_2 0.0000 0.0756 0.1606 0.2446 0.3418 0.4362 0.5514 0.6552 0.7540
 η /(mPa s) 1.557 1.438 1.489 1.616 1.837 2.128 2.626 3.274 4.190

x_2	0.8754	1.0000							
η /(mPa s)	5.992	9.033							
T /°C = 40.0									74J1
x_2	0.0000	0.0756	0.1606	0.2446	0.3418	0.4362	0.5514	0.6552	0.7540
η /(mPa s)	1.358	1.271	1.324	1.442	1.644	1.908	2.356	2.945	3.754
x_2	0.8754	1.0000							
η /(mPa s)	5.332	8.007							
1371	C₃H₈O (1) C₄H₉Br (2)		propan-2-ol 1-bromo-butane						67-63-0 109-65-9
T /K = 303.15									91R1
x_2	0.0000	0.1179	0.1966	0.2584	0.4103	0.4818	0.5357	0.6792	0.8301
η /(mPa s)	1.768	1.320	1.090	0.964	0.776	0.722	0.692	0.637	0.593
x_2	1.0000								
η /(mPa s)	0.568								
1372	C₃H₈O (1) C₄H₉Cl (2)		propan-2-ol 1-chloro-butane						67-63-0 109-69-3
T /K = 293.15									98K1
x_1	0.0000	0.0499	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000
ν /(mm ² /s)	0.5135	0.5180	0.5280	0.5443	0.5623	0.5860	0.6133	0.6477	0.6993
x_1	0.4499	0.5000	0.5500	0.6000	0.6500	0.6999	0.7500	0.8000	0.8500
ν /(mm ² /s)	0.7548	0.8074	0.8779	0.9750	1.0564	1.1869	1.3336	1.5246	1.7695
x_1	0.9000	0.9500	1.0000						
ν /(mm ² /s)	2.0859	2.5054	3.0745						
T /K = 303.15									98K1
x_1	0.0000	0.0499	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000
ν /(mm ² /s)	0.4691	0.4720	0.4814	0.4913	0.5057	0.5250	0.5456	0.5726	0.6033
x_1	0.4499	0.5000	0.5500	0.6000	0.6500	0.6999	0.7500	0.8000	0.8500
ν /(mm ² /s)	0.6377	0.6804	0.7340	0.8120	0.8963	0.9748	1.0871	1.2229	1.3973
x_1	0.9000	0.9500	1.0000						
ν /(mm ² /s)	1.6183	1.9147	2.3061						
T /K = 313.15									98K1
x_1	0.0000	0.0499	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000
ν /(mm ² /s)	0.4299	0.4303	0.4368	0.4464	0.4586	0.4735	0.4909	0.5259	0.5376
x_1	0.4499	0.5000	0.5500	0.6000	0.6500	0.6999	0.7500	0.8000	0.8500
ν /(mm ² /s)	0.5620	0.5957	0.6354	0.6961	0.7611	0.8180	0.9039	1.0026	1.1364
x_1	0.9000	0.9500	1.0000						
ν /(mm ² /s)	1.2898	1.4904	1.7684						

$T/K = 323.15$									98K1
x_1	0.0000	0.0499	0.1000	0.1500	0.2000	0.2500	0.3000	0.3500	0.4000
$\nu /(\text{mm}^2/\text{s})$	0.3950	0.3965	0.3995	0.4056	0.4160	0.4277	0.4398	0.4560	0.4789
x_1	0.4499	0.5000	0.5500	0.6000	0.6500	0.6999	0.7500	0.8000	0.8500
$\nu /(\text{mm}^2/\text{s})$	0.5016	0.5267	0.5562	0.5954	0.6329	0.7026	0.7679	0.8330	0.9273
x_1	0.9000	0.9500	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.0379	1.1835	1.3785						
1373	C₃H₈O (1) C₄H₉NO (2)		propan-1-ol N,N-dimethyl-acetamide						71-23-8 127-19-5
$T/K = 303.15$									83P4
x_2	0.0000	0.0966	0.1975	0.2992	0.3986	0.4894	0.6025	0.6970	0.7955
$\eta /(\text{mPa s})$	1.728	1.470	1.293	1.193	1.103	1.048	1.000	0.963	0.930
x_2	0.9012	1.0000							
$\eta /(\text{mPa s})$	0.898	0.871							
1374	C₃H₈O (1) C₄H₉NO (2)		propan-2-ol N,N-dimethyl-acetamide						67-63-0 127-19-5
$T/K = 303.15$									83P4
x_2	0.0000	0.1016	0.2027	0.3046	0.3968	0.5032	0.6012	0.7055	0.8055
$\eta /(\text{mPa s})$	1.779	1.428	1.222	1.100	1.028	0.994	0.945	0.939	0.900
x_2	0.9060	1.0000							
$\eta /(\text{mPa s})$	0.884	0.871							
1375	C₃H₈O (1) C₄H₁₀O (2)		propan-1-ol butan-1-ol						71-23-8 71-36-3
$T/K = 293.15$									99S2
x_1	0.0000	0.1520	0.3302	0.5008	0.6160	0.7172	0.8933	1.0000	
$\eta /(\text{mPa s})$	2.962	2.840	2.715	2.566	2.474	2.410	2.282	2.203	
$T/K = 298.15$									99S2
x_1	0.0000	0.1147	0.3211	0.4966	0.6315	0.7297	0.9322	1.0000	
$\eta /(\text{mPa s})$	2.597	2.507	2.378	2.261	2.172	2.118	2.001	1.953	
$T/K = 308.15$									98S1
x_1	0.0000	0.1080	0.3065	0.4124	0.5712	0.7695	0.9032	1.0000	
$\eta /(\text{mPa s})$	2.017	1.953	1.861	1.815	1.740	1.642	1.582	1.546	
$T/K = 313.15$									98S1
x_1	0.0000	0.1080	0.3065	0.4124	0.5712	0.7695	0.9032	1.0000	
$\eta /(\text{mPa s})$	1.793	1.744	1.666	1.593	1.534	1.493	1.416	1.385	

$T/^\circ\text{C} = 25.0$									33T1
x_2	0.0000	0.1009	0.2000	0.3013	0.4026	0.5009	0.6055	0.6279	0.7983
$\eta/(\text{mPa s})$	1.9666	2.0241	2.0716	2.4355	2.1945	2.2540	2.3189	2.3261	2.4316
x_2	0.8992	1.0000							
$\eta/(\text{mPa s})$	2.4941	2.7550							
$T/\text{K} = 293.15$									99S2
x_1	0.0000	0.1520	0.3302	0.5008	0.6160	0.7172	0.8933	1.0000	
$\nu/(\text{mm}^2/\text{s})$	3.659	3.510	3.360	3.180	3.068	2.991	2.836	2.741	
$T/\text{K} = 298.15$									99S2
x_1	0.0000	0.1147	0.3211	0.4966	0.6315	0.7297	0.9322	1.0000	
$\nu/(\text{mm}^2/\text{s})$	3.224	3.113	2.958	2.816	2.708	2.643	2.501	2.443	
$T/\text{K} = 308.15$									98S1
x_1	0.0000	0.1080	0.3065	0.4124	0.5712	0.7695	0.9032	1.0000	
$\nu/(\text{mm}^2/\text{s})$	2.528	2.448	2.337	2.281	2.190	2.070	1.996	1.954	
$T/\text{K} = 313.15$									98S1
x_1	0.0000	0.1080	0.3065	0.4124	0.5712	0.7695	0.9032	1.0000	
$\nu/(\text{mm}^2/\text{s})$	2.257	2.197	2.102	2.013	1.941	1.890	1.796	1.759	
$x_2 = 0.00$									55G2
$T/^\circ\text{C}$	20.0	40.0	60.0	80.0	90.0	100.0	110.0		
$\nu/(\text{mm}^2/\text{s})$	2.784	1.766	1.165	0.844	0.721	0.620	0.543		
$x_2 = 0.50$									55G2
$T/^\circ\text{C}$	25.3	36.5	45.8	54.1	60.4	71.4	79.0		
$\nu/(\text{mm}^2/\text{s})$	2.805	2.430	1.940	1.630	1.440	1.181	1.020		
$x_2 = 0.70$									55G2
$T/^\circ\text{C}$	30.8	41.4	51.3	58.5	68.9	78.5	89.5		
$\nu/(\text{mm}^2/\text{s})$	2.860	2.230	1.791	1.530	1.232	1.080	0.901		
$x_2 = 1.00$									55G2
$T/^\circ\text{C}$	20.0	41.0	66.0	81.0	95.0	113.0	130.0		
$\nu/(\text{mm}^2/\text{s})$	3.808	2.472	1.437	1.072	0.843	0.662	0.486		
1376	C₃H₈O (1)	C₄H₁₀O (2)	propan-2-ol	butan-1-ol					67-63-0 71-36-3
$T/^\circ\text{C} = 25.0$									33T1
x_2	0.0000	0.1026	0.2012	0.3020	0.4045	0.5086	0.6002	0.7340	0.7960
$\eta/(\text{mPa s})$	2.0087	2.0571	2.1048	2.1452	2.2074	2.2686	2.3274	2.4057	2.4371
x_2	0.9021	1.0000							
$\eta/(\text{mPa s})$	2.5059	2.5628							

1377	C₃H₈O (1)	C₄H₁₀O (2)	propan-2-ol					butan-2-ol			67-63-0	78-92-2
<i>T</i> /°C = 20.0											98S2	
<i>x</i> ₁	0.0000	0.1205	0.2357	0.3458	0.4513	0.5523	0.6492	0.7421	0.8315			
<i>η</i> /(mPa s)	3.9716	3.8486	3.6799	3.5586	3.2333	3.0696	2.8130	2.7575	2.6344			
<i>x</i> ₁	0.9174	1.0000										
<i>η</i> /(mPa s)	2.4874	2.2918										
<i>T</i> /°C = 25.0											98S2	
<i>x</i> ₁	0.0000	0.1205	0.2357	0.3458	0.4513	0.5523	0.6492	0.7421	0.8315			
<i>η</i> /(mPa s)	3.5184	3.2992	3.0767	3.0089	2.7576	2.6004	2.3591	2.3259	2.2415			
<i>x</i> ₁	0.9174	1.0000										
<i>η</i> /(mPa s)	2.1411	2.0152										
<i>T</i> /°C = 30.0											98S2	
<i>x</i> ₁	0.0000	0.1205	0.2357	0.3458	0.4513	0.5523	0.6492	0.7421	0.8315			
<i>η</i> /(mPa s)	2.9085	2.8833	2.6974	2.5515	2.4252	2.2858	2.1411	2.0413	1.9429			
<i>x</i> ₁	0.9174	1.0000										
<i>η</i> /(mPa s)	1.8758	1.7967										
<i>T</i> /°C = 35.0											98S2	
<i>x</i> ₁	0.0000	0.1205	0.2357	0.3458	0.4513	0.5523	0.6492	0.7421	0.8315			
<i>η</i> /(mPa s)	2.4849	2.4269	2.3311	2.2009	2.0979	2.0022	1.8489	1.7694	1.6909			
<i>x</i> ₁	0.9174	1.0000										
<i>η</i> /(mPa s)	1.6298	1.5639										
<i>T</i> /°C = 20.0											95S4	
<i>x</i> ₁	0.0000	0.1205	0.2357	0.3458	0.4513	0.5523	0.6492	0.7421	0.8315			
<i>v</i> /(mm ² /s)	4.930	4.803	4.605	4.460	4.064	3.866	3.550	3.487	3.336			
<i>x</i> ₁	0.9174	1.0000										
<i>v</i> /(mm ² /s)	3.158	2.915										
<i>T</i> /°C = 25.0											95S4	
<i>x</i> ₁	0.0000	0.1205	0.2357	0.3458	0.4513	0.5523	0.6492	0.7421	0.8315			
<i>v</i> /(mm ² /s)	4.387	4.138	3.872	3.793	3.484	3.292	2.993	2.957	2.854			
<i>x</i> ₁	0.9174	1.0000										
<i>v</i> /(mm ² /s)	2.732	2.578										
<i>T</i> /°C = 30.0											95S4	
<i>x</i> ₁	0.0000	0.1205	0.2357	0.3458	0.4513	0.5523	0.6492	0.7421	0.8315			
<i>v</i> /(mm ² /s)	3.728	3.635	3.411	3.233	3.080	2.910	2.732	2.609	2.488			
<i>x</i> ₁	0.9174	1.0000										
<i>v</i> /(mm ² /s)	2.408	2.312										
<i>T</i> /°C = 35.0											95S4	

x_1	0.0000	0.1205	0.2357	0.3458	0.4513	0.5523	0.6492	0.7421	0.8315
$\nu/(\text{mm}^2/\text{s})$	3.134	3.074	2.962	2.803	2.678	2.562	2.371	2.274	2.177
x_1	0.9174	1.0000							
$\nu/(\text{mm}^2/\text{s})$	2.104	2.023							

1378 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₄H₁₀O (2) **2-methyl-propan-1-ol** **78-83-1**

$T/^\circ\text{C} = 20.0$ 56T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta/(\text{mPa s})$	2.385	2.597	2.856	3.163	3.536	4.009			

$T/^\circ\text{C} = 40.0$ 56T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta/(\text{mPa s})$	1.334	1.449	1.586	1.742	1.923	2.138			

$T/^\circ\text{C} = 60.0$ 56T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta/(\text{mPa s})$	0.798	0.867	0.940	1.029	1.220	1.233			

1379 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₄H₁₀O (2) **2-methyl-propan-2-ol** **75-65-0**

$T/\text{K} = 303.2$ 95R6

x_1	0.000	0.050	0.100	0.150	0.200	0.300	0.400	0.500	0.600
$\eta/(\text{mPa s})$	3.333	3.297	3.237	3.172	3.101	2.931	2.750	2.572	2.396

x_1	0.700	0.800	0.850	0.900	0.950	1.000			
$\eta/(\text{mPa s})$	2.224	2.059	1.979	1.903	1.831	1.765			

1380 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₄H₁₀O₂ (2) **1,2-dimethoxy-ethane** **110-71-4**

$T/\text{K} = 298.15$ 98P5

x_2	0.0000	0.0095	0.0215	0.0405	0.0628	0.0941	0.1096	0.1355	0.1741
$\eta/(\text{mPa s})$	1.951	1.881	1.798	1.678	1.552	1.397	1.329	1.228	1.109

x_2	0.2034	0.2436	0.2926	0.3474	0.3848	0.4255	0.4764	0.5241	0.5700
$\eta/(\text{mPa s})$	1.024	0.942	0.842	0.764	0.722	0.678	0.636	0.600	0.572

x_2	0.6239	0.6795	0.7142	0.7632	0.8198	0.8625	0.9004	0.9269	0.9590
$\eta/(\text{mPa s})$	0.536	0.509	0.495	0.476	0.459	0.447	0.439	0.435	0.427

x_2	0.9842	1.0000							
$\eta/(\text{mPa s})$	0.424	0.420							

1381 **C₃H₈O (1)** **propan-1-ol** **71-23-8**

	C₄H₁₀O₂ (2)		2-ethoxy-ethanol					110-80-5	
<i>T</i> /K = 298.15									95A3
<i>x</i> ₂	0.0000	0.0969	0.1990	0.2917	0.3971	0.4928	0.5933	0.6923	0.7987
<i>η</i> /(mPa s)	1.898	1.815	1.761	1.730	1.659	1.711	1.721	1.732	1.754
<i>x</i> ₂	0.8853	1.0000							
<i>η</i> /(mPa s)	1.774	1.838							
<i>T</i> /K = 303.15									95A3
<i>x</i> ₂	0.0000	0.0969	0.1990	0.2917	0.3971	0.4928	0.5933	0.6923	0.7987
<i>η</i> /(mPa s)	1.676	1.607	1.560	1.542	1.482	1.521	1.531	1.546	1.567
<i>x</i> ₂	0.8853	1.0000							
<i>η</i> /(mPa s)	1.578	1.644							
<i>T</i> /K = 308.15									95A3
<i>x</i> ₂	0.0000	0.0969	0.1990	0.2917	0.3971	0.4928	0.5933	0.6923	0.7987
<i>η</i> /(mPa s)	1.486	1.431	1.395	1.376	1.326	1.366	1.377	1.386	1.403
<i>x</i> ₂	0.8853	1.0000							
<i>η</i> /(mPa s)	1.418	1.471							
<i>T</i> /K = 313.15									95A3
<i>x</i> ₂	0.0000	0.0969	0.1990	0.2917	0.3971	0.4928	0.5933	0.6923	0.7987
<i>η</i> /(mPa s)	1.319	1.272	1.244	1.235	1.178	1.223	1.233	1.242	1.265
<i>x</i> ₂	0.8853	1.0000							
<i>η</i> /(mPa s)	1.302	1.333							
1382	C₃H₈O (1)	C₄H₁₀O₂ (2)	propan-2-ol 2-ethoxy-ethanol					67-63-0 110-80-5	
<i>T</i> /K = 298.15									95A3
<i>x</i> ₂	0.0000	0.1024	0.2002	0.3010	0.4035	0.5037	0.6022	0.6984	0.8009
<i>η</i> /(mPa s)	1.936	1.858	1.764	1.703	1.692	1.682	1.693	1.711	1.756
<i>x</i> ₂	0.9017	1.0000							
<i>η</i> /(mPa s)	1.773	1.838							
<i>T</i> /K = 303.15									95A3
<i>x</i> ₂	0.0000	0.1024	0.2002	0.3010	0.4035	0.5037	0.6022	0.6984	0.8009
<i>η</i> /(mPa s)	1.731	1.614	1.540	1.495	1.490	1.491	1.504	1.518	1.566
<i>x</i> ₂	0.9017	1.0000							
<i>η</i> /(mPa s)	1.575	1.644							
<i>T</i> /K = 308.15									95A3
<i>x</i> ₂	0.0000	0.1024	0.2002	0.3010	0.4035	0.5037	0.6022	0.6984	0.8009
<i>η</i> /(mPa s)	1.494	1.404	1.356	1.324	1.325	1.329	1.340	1.360	1.398
<i>x</i> ₂	0.9017	1.0000							
<i>η</i> /(mPa s)	1.413	1.471							

$T/K = 313.15$										95A3
x_2	0.0000	0.1024	0.2002	0.3010	0.4035	0.5037	0.6022	0.6984	0.8009	
$\eta /(\text{mPa s})$	1.287	1.233	1.190	1.170	1.176	1.190	1.203	1.217	1.256	
x_2	0.9017	1.0000								
$\eta /(\text{mPa s})$	1.267	1.333								

1383 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₄H₁₁N (2) **butylamine** **109-73-9**

$T/K = 303.15$										99O1
x_2	0.0000	0.0950	0.1888	0.2913	0.3804	0.5153	0.6163	0.7142	0.7880	
$\eta /(\text{mPa s})$	1.7843	1.6402	1.4796	1.2863	1.1286	0.9113	0.7686	0.6509	0.5832	
x_2	0.9022	1.0000								
$\eta /(\text{mPa s})$	0.4992	0.4442								

$T/K = 313.15$										99O1
x_2	0.0000	0.0950	0.1888	0.2913	0.3804	0.5153	0.6163	0.7142	0.7880	
$\eta /(\text{mPa s})$	1.3970	1.2812	1.1593	1.0183	0.9048	0.7453	0.6425	0.5578	0.5009	
x_2	0.4349	1.0000								
$\eta /(\text{mPa s})$	0.4132	0.3927								

$T/K = 298.15$										93P1
x_1	0.000	0.100	0.198	0.301	0.417	0.501	0.600	0.695	0.786	
$\eta /(\text{mPa s})$	0.468	0.534	0.612	0.711	0.846	0.965	1.117	1.273	1.451	
x_1	0.925	1.000								
$\eta /(\text{mPa s})$	1.760	1.968								

A table is given in the original source 93P1 for pressures up to 72 MPa. 93P1

1384 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₅H₈O (2) **cyclopentanone** **120-92-3**

$T/^\circ\text{C} = 30.0$										77R1
x_2	0.0000	0.1001	0.2566	0.4203	0.5821	0.7382	0.8967	1.0000		
$\eta /(\text{mPa s})$	1.711	1.333	1.091	0.974	0.952	0.915	0.935	0.989		

1385 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₅H₈O₂ (2) **2-methyl-acrylic acid methyl ester** **80-62-6**

$T/K = 303.15$										96S2
x_2	0.0000	0.0800	0.1520	0.2525	0.3340	0.4254	0.5160	0.6240	0.7545	
$\eta /(\text{mPa s})$	1.7220	1.3496	1.1341	0.8727	0.7216	0.6219	0.5815	0.5743	0.5692	
x_2	0.8821	0.9340	0.9742	1.0000						
$\eta /(\text{mPa s})$	0.5418	0.5347	0.5393	0.5290						

$T/K = 313.15$										96S2
x_2	0.0000	0.0800	0.1520	0.2525	0.3340	0.4254	0.5160	0.6240	0.7545	
$\eta /(\text{mPa s})$	1.3610	1.0825	0.9280	0.7559	0.6506	0.5654	0.5107	0.4767	0.4660	
x_2	0.8821	0.9340	0.9742	1.0000						
$\eta /(\text{mPa s})$	0.4642	0.4592	0.4514	0.4530						

1386 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₅H₈O₃ (2) **3-oxo-butyric acid methyl ester** **105-45-3**

$T/K = 298.15$										93A1
x_2	0.0000	0.1028	0.2021	0.3067	0.4070	0.5069	0.6090	0.7057	0.8054	
$\eta /(\text{mPa s})$	1.900	1.497	1.333	1.253	1.221	1.219	1.238	1.278	1.339	

x_2	0.9036	1.0000								
$\eta /(\text{mPa s})$	1.501	1.564								

$T/K = 303.15$										93A1
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x_2	0.0000	0.1028	0.2021	0.3067	0.4070	0.5069	0.6090	0.7057	0.8054	
$\eta /(\text{mPa s})$	1.683	1.337	1.213	1.128	1.102	1.104	1.123	1.163	1.217	

x_2	0.9036	1.0000								
$\eta /(\text{mPa s})$	1.295	1.421								

$T/K = 308.15$										93A1
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x_2	0.0000	0.1028	0.2021	0.3067	0.4070	0.5069	0.6090	0.7057	0.8054	
$\eta /(\text{mPa s})$	1.488	1.198	1.096	1.024	1.003	1.007	1.027	1.062	1.114	

x_2	0.9036	1.0000								
$\eta /(\text{mPa s})$	1.183	1.298								

1387 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₅H₈O₃ (2) **3-oxo-butyric acid methyl ester** **105-45-3**

$T/K = 298.15$										93A1
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x_2	0.0000	0.1028	0.2052	0.3051	0.4085	0.5084	0.6057	0.7079	0.8053	
$\eta /(\text{mPa s})$	2.012	1.457	1.267	1.195	1.168	1.160	1.189	1.243	1.315	

x_2	0.9038	1.0000								
$\eta /(\text{mPa s})$	1.419	1.564								

$T/K = 303.15$										93A1
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x_2	0.0000	0.1028	0.2021	0.3067	0.4070	0.5069	0.6090	0.7057	0.8054	
$\eta /(\text{mPa s})$	1.724	1.279	1.124	1.068	1.051	1.049	1.080	1.127	1.197	

x_2	0.9038	1.0000								
$\eta /(\text{mPa s})$	1.287	1.421								

$T/K = 308.15$										93A1
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x_2	0.0000	0.1028	0.2021	0.3067	0.4070	0.5069	0.6090	0.7057	0.8054	
$\eta /(\text{mPa s})$	1.485	1.023	1.006	0.963	0.952	0.956	0.985	1.032	1.094	

x_2	0.9038	1.0000
η /(mPa s)	1.133	1.298

1388	C₃H₈O (1) C₅H₁₀O (2)	propan-2-ol isopropoxy-ethene	67-63-0 926-65-8
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T /°C = 20.0										53S1
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w_1	0.0000	0.0293	0.1146	1.0000
η /(mPa s)	0.3066	0.3148	0.3523	2.736

1389	C₃H₈O (1) C₅H₁₀O (2)	propan-1-ol propoxy-ethene	71-23-8 764-47-6
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T /°C = 20.0										53S1
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w_1	0.0000	0.0293	0.0952	1.0000
η /(mPa s)	0.3410	0.3478	0.3693	2.398

1390	C₃H₈O (1) C₅H₁₀O₂ (2)	propan-1-ol acetic acid propyl ester	71-23-8 109-60-4
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T /°C = 25.0										74D1
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w_2	0.0000	0.2207	0.3926	0.5942	0.7954	1.0000
η /(mPa s)	1.950	1.305	0.987	0.755	0.592	0.544

T /°C = 35.0										74D1
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w_2	0.0000	0.2207	0.3926	0.5942	0.7954	1.0000
η /(mPa s)	1.541	1.066	0.829	0.653	0.530	0.483

1391	C₃H₈O (1) C₅H₁₂ (2)	propan-2-ol pentane	67-63-0 109-66-0
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T /K = 298.15										87Z3
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x_1	0.0000	0.1128	0.2204	0.3273	0.4232	0.5160	0.6004	0.6858	0.7699
η /(mPa s)	0.218	0.262	0.281	0.323	0.385	0.466	0.577	0.710	0.966

x_1	0.8524	0.9438	1.0000
η /(mPa s)	1.272	1.702	2.061

1392	C₃H₈O (1) C₅H₁₂O (2)	propan-1-ol 2-methoxy-2-methyl-propane	71-23-8 1634-04-4
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T /K = 298.15										99P1
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x_2	0.0000	0.0111	0.0293	0.0591	0.1133	0.1374	0.2015	0.2501	0.3008
η /(mPa s)	1.951	1.902	1.804	1.651	1.416	1.327	1.123	0.998	0.889

x_2	0.3240	0.3581	0.3641	0.4004	0.4451	0.4880	0.5535	0.6157	0.6770
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η /(mPa s)	0.850	0.792	0.779	0.729	0.671	0.624	0.562	0.512	0.471
x_2	0.7585	0.8246	0.8813	0.9491	0.9860	1.0000			
η /(mPa s)	0.427	0.397	0.378	0.356	0.344	0.340			
1393	C₃H₈O (1) C₅H₁₂O (2)		propan-1-ol pentan-1-ol						71-23-8 71-41-0
T /K = 293.15									99S2
x_1	0.0000	0.1659	0.3648	0.5097	0.6041	0.7449	0.8506	1.0000	
η /(mPa s)	4.051	3.671	3.292	3.015	2.854	2.617	2.443	2.203	
T /K = 298.15									99S2
x_1	0.0000	0.2007	0.3810	0.4603	0.6314	0.7745	0.8626	1.0000	
η /(mPa s)	3.497	3.137	2.856	2.722	2.464	2.261	2.141	1.953	
T /K = 308.15									98S1
x_1	0.0000	0.0612	0.2873	0.3853	0.6227	0.7870	0.9204	1.0000	
η /(mPa s)	2.652	2.565	2.318	2.199	1.936	1.755	1.617	1.546	
T /K = 313.15									98S1
x_1	0.0000	0.0612	0.2873	0.3853	0.6227	0.7870	0.9204	1.0000	
η /(mPa s)	2.333	2.256	2.049	1.947	1.727	1.570	1.390	1.385	
T /K = 293.15									99S2
x_1	0.0000	0.1659	0.3648	0.5097	0.6041	0.7449	0.8506	1.0000	
ν /(mm ² /s)	4.973	4.512	4.061	3.722	3.528	3.241	3.030	2.741	
T /K = 298.15									99S2
x_1	0.0000	0.2007	0.3810	0.4603	0.6314	0.7745	0.8626	1.0000	
ν /(mm ² /s)	4.312	3.874	3.536	3.373	3.061	2.816	2.670	2.443	
T /K = 308.15									98S1
x_1	0.0000	0.0612	0.2873	0.3853	0.6227	0.7870	0.9204	1.0000	
ν /(mm ² /s)	3.301	3.194	2.894	2.749	2.429	2.208	2.040	1.954	
T /K = 313.15									98S1
x_1	0.0000	0.0612	0.2873	0.3853	0.6227	0.7870	0.9204	1.0000	
ν /(mm ² /s)	2.917	2.822	2.571	2.446	2.178	1.985	1.763	1.759	
1394	C₃H₈O (1) C₅H₁₃NO₂S (2)		propan-1-ol N,N-diethyl-methanesulfonamide						71-23-8 2374-61-0
T /K = 303.15									88P1
x_2	0.0000	0.0661	0.1423	0.2148	0.3057	0.3821	0.4421	0.5219	0.5944
η /(mPa s)	1.728	1.610	1.583	1.612	1.693	1.793	1.884	2.039	2.204
x_2	0.6850	0.7587	0.8085	0.8907	1.0000				

 η /(mPa s) 2.461 2.716 2.925 3.334 4.059

1395 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₅H₁₃NO₂S (2) **N,N-diethyl-methanesulfonamide** **2374-61-0**

$T/K = 303.15$ 88P1

x_2 0.0000 0.0680 0.1441 0.2157 0.2582 0.3391 0.4088 0.4524 0.5136

η /(mPa s) 1.783 1.593 1.544 1.565 1.598 1.686 1.792 1.863 1.984

x_2 0.5952 0.6857 0.7556 0.8417 0.9259 1.0000

η /(mPa s) 2.183 2.433 2.684 3.057 3.518 4.059

1396 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₆H₅NO₂ (2) **nitrobenzene** **98-95-3**

$T/K = 298.15$ 95N1

x_2 0.0000 0.0517 0.1088 0.1730 0.2456 0.3276 0.4224 0.5322 0.6613

η /(mPa s) 1.9341 1.8151 1.7249 1.6057 1.5596 1.5109 1.4901 1.4785 1.4940

x_2 0.8145 1.0000

η /(mPa s) 1.5496 1.8273

$T/K = 303.15$ 95N1

x_2 0.0000 0.0517 0.1088 0.1730 0.2456 0.3276 0.4224 0.5322 0.6613

η /(mPa s) 1.7309 1.6126 1.5576 1.4554 1.3937 1.4017 1.3632 1.3412 1.3518

x_2 0.8145 1.0000

η /(mPa s) 1.4314 1.6655

1397 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₆H₅NO₂ (2) **nitrobenzene** **98-95-3**

$T/K = 298.15$ 95N1

x_2 0.0000 0.0512 0.1088 0.1732 0.2456 0.3281 0.4228 0.5325 0.6610

η /(mPa s) 2.0498 1.8010 1.6698 1.5287 1.4618 1.4588 1.4502 1.4386 1.5277

x_2 0.8145 1.0000

η /(mPa s) 1.6026 1.8273

$T/K = 303.15$ 95N1

x_2 0.0000 0.0512 0.1088 0.1732 0.2456 0.3281 0.4228 0.5325 0.6610

η /(mPa s) 1.7764 1.5671 1.4764 1.3436 1.2966 1.2772 1.2916 1.3227 1.3976

x_2 0.8145 1.0000

η /(mPa s) 1.4344 1.6655

$T/^\circ\text{C} = 25.0$ 91J2

x_2 0.0000 0.0773 0.1546 0.2434 0.3317 0.4273 0.5270 0.6340 0.7485

η /(mPa s) 1.9933 1.6889 1.5052 1.4283 1.4028 1.3792 1.4047 1.4050 1.4794

x_2	0.8699	1.0000							
$\eta /(\text{mPa s})$	1.5705	1.7684							
$T / ^\circ\text{C} = 30.0$									91J2
x_2	0.0000	0.0773	0.1546	0.2434	0.3317	0.4273	0.5270	0.6340	0.7485
$\eta /(\text{mPa s})$	1.7285	1.4068	1.3054	1.2530	1.2050	1.2138	1.2299	1.2524	1.3101
x_2	0.8699	1.0000							
$\eta /(\text{mPa s})$	1.4002	1.6201							
$T / ^\circ\text{C} = 35.0$									91J2
x_2	0.0000	0.0773	0.1546	0.2434	0.3317	0.4273	0.5270	0.6340	0.7485
$\eta /(\text{mPa s})$	1.5305	1.2668	1.1805	1.1320	1.1127	1.1146	1.1376	1.1634	1.2304
x_2	0.8699	1.0000							
$\eta /(\text{mPa s})$	1.3243	1.5274							
$T / ^\circ\text{C} = 40.0$									91J2
x_2	0.0000	0.0773	0.1546	0.2434	0.3317	0.4273	0.5270	0.6340	0.7485
$\eta /(\text{mPa s})$	1.2724	1.0837	1.0204	0.9866	0.9646	0.9711	0.9945	1.0256	1.0815
x_2	0.8699	1.0000							
$\eta /(\text{mPa s})$	1.1632	1.3544							
1398	C₃H₈O (1) C₆H₆ (2)		propan-1-ol benzene						71-23-8 71-43-2
$T / \text{K} = 298.15$									96L2
x_2	0.0000	0.1005	0.1990	0.4012	0.5024	0.6020	0.7519	0.9008	1.0000
$\eta /(\text{mPa s})$	1.9595	1.6138	1.3611	0.9683	0.8400	0.7485	0.6573	0.6200	0.6100
$T / ^\circ\text{C} = 25.0$									74D1
w_2	0.0000	0.1950	0.4195	0.5932	0.7973	1.0000			
$\eta /(\text{mPa s})$	1.950	1.435	1.018	0.797	0.637	0.591			
$T / ^\circ\text{C} = 35.0$									74D1
w_2	0.0000	0.1950	0.4195	0.5932	0.7973	1.0000			
$\eta /(\text{mPa s})$	1.541	1.155	0.834	0.668	0.552	0.518			
$T / ^\circ\text{C} = 22.0$									
w_2	0.0000	0.1010	0.4988	0.7995	0.9199	0.9524	0.9961	0.9800	1.0000
$\eta /(\text{mPa s})$	2.1198	1.8076	0.9778	0.6758	0.6265	0.6204	0.6193	0.6202	0.6280
$T / ^\circ\text{C} = 25.0$									04D1
w_2	0.0000	0.3310	0.7022	0.8999	0.9507	1.0000			
$\eta /(\text{mPa s})$	1.962	1.167	0.7028	0.5989	0.5917	0.5978			
1399	C₃H₈O (1) C₆H₆ (2)		propan-2-ol benzene						67-63-0 71-43-2

$T/K = 298.15$									96L2
x_2	0.0000	0.1001	0.1991	0.3990	0.5004	0.6005	0.7475	0.8995	1.0000
$\eta /(\text{mPa s})$	2.0675	1.5650	1.2378	0.8598	0.7624	0.6818	0.6311	0.6160	0.6100
$T/^\circ\text{C} = 20.0$									89W1
x_1	0.0000	0.0188	0.1613	0.2480	0.3391	0.4349	0.5358	0.6423	
$\eta /(\text{mPa s})$	0.6470	0.6641	0.6803	0.7142	0.7582	0.8101	0.9615	1.1559	
x_1	0.7548	0.8738	1.0000						
$\eta /(\text{mPa s})$	1.4500	1.8400	2.3700						
$T/^\circ\text{C} = 25.0$									89W1
x_1	0.0000	0.0188	0.1613	0.2480	0.3391	0.4349	0.5358	0.6423	
$\eta /(\text{mPa s})$	0.5950	0.6075	0.6070	0.6300	0.6585	0.6900	0.8150	0.9850	
x_1	0.7548	0.8738	1.0000						
$\eta /(\text{mPa s})$	1.2400	1.5800	2.0557						
$T/^\circ\text{C} = 30.0$									89W1
x_1	0.0000	0.0188	0.1613	0.2480	0.3391	0.4349	0.5358	0.6423	
$\eta /(\text{mPa s})$	0.56001	0.5675	0.5745	0.5956	0.62376	0.6570	0.7670	0.9090	
x_1	0.7548	0.8738	1.0000						
$\eta /(\text{mPa s})$	1.1200	1.3815	1.7710						
$T/^\circ\text{C} = 20.0$									58H1
w_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.642	0.631	0.656	0.707	0.782	0.883	1.021	1.216	1.511
w_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.886	2.410							
$T/^\circ\text{C} = 25.0$									58H1
w_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.595	0.585	0.607	0.649	0.711	0.798	0.919	1.079	1.320
w_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.640	2.067							
$T/^\circ\text{C} = 30.0$									58H1
w_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.557	0.544	0.562	0.598	0.650	0.723	0.824	0.958	1.156
w_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.424	1.789							
$T/^\circ\text{C} = 20.0$									58H2
w_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.644	0.631	0.656	0.707	0.782	0.883	1.021	1.216	1.511
w_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.886	2.410							

$T/^\circ\text{C} = 30.0$										58H2
w_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.557	0.544	0.562	0.598	0.650	0.723	0.824	0.958	1.156	
w_1	0.90	1.00								
$\eta/(\text{mPa s})$	1.424	1.789								
$T/^\circ\text{C} = 25.0$										48J1
w_1	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00	
$\eta/(\text{mPa s})$	0.603	0.604	0.620	0.664	0.842	1.006	1.178	1.684	2.587	
$T/^\circ\text{C} = 20.0$										58H1
w_1	0.0000	0.0898	0.1967	0.2874	0.3894	0.4981	0.6109	0.7104	0.8059	
$\nu/(\text{mm}^2/\text{s})$	0.733	0.728	0.765	0.826	0.938	1.083	1.276	1.538	1.892	
w_1	0.8988	1.0000								
$\nu/(\text{mm}^2/\text{s})$	2.374	3.071								
$T/^\circ\text{C} = 25.0$										58H1
w_1	0.0000	0.0898	0.1967	0.2874	0.3894	0.4981	0.6109	0.7104	0.8059	
$\nu/(\text{mm}^2/\text{s})$	0.683	0.680	0.711	0.764	0.849	0.976	1.145	1.367	1.671	
w_1	0.8988	1.0000								
$\nu/(\text{mm}^2/\text{s})$	2.075	2.647								
$T/^\circ\text{C} = 30.0$										58H1
w_1	0.0000	0.0898	0.1967	0.2874	0.3894	0.4981	0.6109	0.7104	0.8059	
$\nu/(\text{mm}^2/\text{s})$	0.642	0.636	0.663	0.710	0.779	0.890	1.032	1.219	1.475	
w_1	0.8988	1.0000								
$\nu/(\text{mm}^2/\text{s})$	1.812	2.303								
1400	C₃H₈O (1) C₆H₇N (2)		propan-1-ol aniline							71-23-8 62-53-3
$T/^\circ\text{C} = 12.0$										14K1
x_2	0.000	0.200	0.650	1.000						
η/η_{water}	2.109	2.196	3.062	4.705						
$T/^\circ\text{C} = 64.0$										14K1
x_2	0.000	0.200	0.650	1.000						
η/η_{water}	1.353	1.406	1.752	2.269						
1401	C₃H₈O (1) C₆H₇N (2)		propan-1-ol 4-methyl-pyridine							71-23-8 108-89-4
$T/\text{K} = 298.15$										99H1
x_1	0.0000	0.0910	0.2095	0.3419	0.4177	0.5662	0.7017	0.7646	0.8291	
$\eta/(\text{mPa s})$	0.8600	0.9024	0.9381	1.0073	1.0715	1.1683	1.3270	1.4054	1.5203	

x_1 0.8670 1.0000
 η /(mPa s) 1.5913 1.9429

1402 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₆H₇N (2) **4-methyl-pyridine** **108-89-4**

T /K = 298.15 99H1

x_1 0.0000 0.0886 0.1711 0.2569 0.4424 0.5207 0.6685 0.8095 0.8831
 η /(mPa s) 0.8600 0.8731 0.8916 0.9174 0.9998 1.0485 1.1808 1.4048 1.5985

x_1 1.0000
 η /(mPa s) 2.0766

1403 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₆H₁₀O (2) **cyclohexanone** **108-94-1**

T /°C = 30.0 77R1

x_2 0.0000 0.1012 0.2601 0.4199 0.5794 0.7393 0.8997 1.0000
 η /(mPa s) 1.711 1.452 1.283 1.243 1.300 1.392 1.576 1.778

1404 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₆H₁₂ (2) **cyclohexane** **110-82-7**

T /K = 298.15 96L2

x_2 0.0000 0.1005 0.1994 0.4004 0.5016 0.6009 0.7493 0.8960 1.0000
 η /(mPa s) 1.9595 1.7428 1.5617 1.2433 1.1391 1.0257 0.9235 0.8861 0.8849

T /°C = 25.0 90M1

w_1 0.000 0.091 0.167 0.231 0.286 0.375 0.444 0.500 0.555
 η /(mPa s) 0.90 0.88 0.91 0.96 1.00 1.10 1.18 1.26 1.32

w_1 0.625 0.714 0.769 0.833 0.909 1.000
 η /(mPa s) 1.39 1.52 1.59 1.69 1.81 2.00

T /°C = 25.0 65B1

x_1 0.0000 0.0166 0.0647 0.1219 0.2231 0.3207 0.3805 0.4203 0.7039
 η /(mPa s) 0.889 0.873 0.865 0.867 0.889 0.946 0.994 1.029 1.371

x_1 0.8023 1.0000
 η /(mPa s) 1.529 1.955

T /°C = 35.0 65B1

x_1 0.0000 0.0166 0.0647 0.1219 0.2231 0.3207 0.3805 0.4203 0.7039
 η /(mPa s) 0.763 0.736 0.730 0.732 0.746 0.782 0.818 0.845 1.099

x_1 0.8023 1.0000
 η /(mPa s) 1.218 1.541

T /°C = 45.0 65B1

x_1	0.0000	0.0166	0.0647	0.1219	0.2231	0.3207	0.3805	0.4203	0.7039
η /(mPa s)	0.655	0.634	0.626	0.624	0.634	0.660	0.683	0.706	0.896
x_1	0.8023	1.0000							
η /(mPa s)	0.992	1.237							
T /°C = 55.0									65B1
x_1	0.0000	0.0166	0.0647	0.1219	0.2231	0.3207	0.3805	0.4203	0.7039
η /(mPa s)	0.568	0.551	0.542	0.543	0.548	0.567	0.584	0.598	0.741
x_1	0.8023	1.0000							
η /(mPa s)	0.813	1.004							
1405	C₃H₈O (1) C₆H₁₂ (2)		propan-2-ol cyclohexane						67-63-0 110-82-7
T /K = 298.15									96L2
x_2	0.0000	0.0997	0.1993	0.4010	0.5012	0.6011	0.7498	0.9012	1.0000
η /(mPa s)	2.0675	1.7187	1.4375	1.1015	1.0057	0.9216	0.8669	0.8586	0.8849
T /°C = 25.0									95H1
x_1	0.0000	0.0522	0.0976	0.2016	0.3001	0.4027	0.5051	0.5853	0.7035
η /(mPa s)	0.8949	0.8682	0.8572	0.8514	0.8714	0.9248	1.0060	1.0924	1.2576
x_1	0.8006	0.8990	0.9536	1.0000					
η /(mPa s)	1.4423	1.6973	1.8806	2.0775					
T /°C = 25.0									95H1
x_1	0.0000	0.0522	0.0976	0.2016	0.3001	0.4027	0.5051	0.5853	0.7035
ν /(mm ² /s)	1.1565	1.1238	1.1103	1.1040	1.1302	1.1991	1.3033	1.4138	1.6242
x_1	0.8006	0.8990	0.9536	1.0000					
ν /(mm ² /s)	1.8586	2.1810	2.4120	2.6600					
T /K = 298.15									84W1
φ_2	0.0000	0.2335	0.3071	0.4113	0.5001	0.5772	0.6445	0.7650	0.9350
ν /(mm ² /s)	2.6086	1.8834	1.7601	1.5623	1.4070	1.3165	1.2354	1.1238	1.1093
φ_2	1.0000								
ν /(mm ² /s)	1.1512								
1406	C₃H₈O (1) C₆H₁₂O₂ (2)		propan-1-ol acetic acid butyl ester						71-23-8 123-86-4
T /K = 303.15									96R2
x_2	0.1020	0.1280	0.3545	0.4050	0.5185	0.6095	0.7398	0.8254	0.8913
η^E /(mPa s)	-0.334	-0.412	-0.842	-0.892	-0.925	-0.889	-0.719	-0.535	-0.362

1407 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₆H₁₂O₂ (2) **acetic acid butyl ester** **123-86-4**

$T/K = 303.15$

96R2

x_2	0.0885	0.1216	0.3394	0.4515	0.5142	0.5682	0.7624	0.8226	0.8880
$\eta^E/(\text{mPa s})$	-0.363	-0.501	-1.049	-1.164	-1.175	-1.162	-0.857	-0.688	-0.471

1408 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₆H₁₂O₂ (2) **4-hydroxy-4-methyl-pentan-2-one** **123-42-2**

$T/K = 303.15$

98M1

x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta/(\text{mPa s})$	2.510	2.390	2.290	2.190	2.090	2.000	1.910	1.840	1.780

x_1	0.9	1.0
$\eta/(\text{mPa s})$	1.750	1.750

$T/K = 323.15$

98M1

x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta/(\text{mPa s})$	1.570	1.500	1.430	1.360	1.290	1.230	1.180	1.120	1.080

x_1	0.9	1.0
$\eta/(\text{mPa s})$	1.040	1.020

$T/K = 343.15$

98M1

x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta/(\text{mPa s})$	1.070	1.020	0.973	0.923	0.875	0.828	0.785	0.743	0.706

x_1	0.9	1.0
$\eta/(\text{mPa s})$	0.673	0.650

Tables are given in the original source 98M1 for pressures up to 100 MPa.

98M1

1409 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₆H₁₄ (2) **hexane** **110-54-3**

$T/K = 298.15$

94P2

x_2	0.0000	0.0603	0.0992	0.2086	0.3018	0.4056	0.5016	0.5979	0.7014
$\eta/(\text{mPa s})$	1.9680	1.6192	1.4402	1.0697	0.8240	0.6737	0.5493	0.4564	0.3861

x_2	0.8029	0.9003	1.0000
$\eta/(\text{mPa s})$	0.3407	0.3116	0.3029

A table is given in the original source 94P2 for pressures up to 52 MPa.

94P2

1410 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₆H₁₄O (2) **2-methoxy-2-methyl-butane** **994-05-8**

$T/K = 298.15$

99P1

x_2	0.0000	0.0142	0.0405	0.0642	0.0889	0.1148	0.1520	0.2075	0.2876
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η /(mPa s)	1.951	1.889	1.759	1.647	1.548	1.461	1.330	1.180	1.002
x_2	0.2890	0.3381	0.3924	0.4452	0.4890	0.5363	0.5867	0.6450	0.6933
η /(mPa s)	0.999	0.912	0.833	0.767	0.720	0.677	0.633	0.594	0.564
x_2	0.7588	0.8347	0.9093	0.9470	1.0000				
η /(mPa s)	0.530	0.496	0.455	0.454	0.438				

1411 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₆H₁₄O₃ (2) **1-methoxy-2-(2-methoxy-ethoxy)-ethane** **111-96-6**

T /K = 298.15 98P5

x_2	0.0000	0.0064	0.0122	0.0238	0.0358	0.0546	0.0803	0.1176	0.1632
η /(mPa s)	1.951	1.913	1.881	1.816	1.756	1.671	1.567	1.443	1.333

x_2	0.2064	0.2619	0.2976	0.3254	0.3716	0.4168	0.4652	0.5109	0.5509
η /(mPa s)	1.251	1.177	1.140	1.119	1.086	1.065	1.038	1.024	1.009

x_2	0.5982	0.6569	0.7110	0.7757	0.8190	0.8649	0.9094	0.9425	0.9722
η /(mPa s)	0.994	0.984	0.976	0.975	0.976	0.977	0.984	0.989	0.988

x_2 1.0000

η /(mPa s) 0.985

T /K = 298.15 94A3

x_2	0.0000	0.1011	0.1997	0.3029	0.4025	0.5004	0.5992	0.6934	0.8004
η /(mPa s)	1.898	1.451	1.243	1.115	1.046	1.010	0.988	0.974	0.971

x_2 0.8974 1.0000

η /(mPa s) 0.981 0.983

T /K = 308.15 94A3

x_2	0.0000	0.1011	0.1997	0.3029	0.4025	0.5004	0.5992	0.6934	0.8004
η /(mPa s)	1.486	1.173	1.021	0.927	0.878	0.852	0.838	0.828	0.825

x_2 0.8974 1.0000

η /(mPa s) 0.836 0.839

T /K = 318.15 94A3

x_2	0.0000	0.1011	0.1997	0.3029	0.4025	0.5004	0.5992	0.6934	0.8004
η /(mPa s)	1.174	0.956	0.847	0.779	0.743	0.729	0.717	0.709	0.709

x_2 0.8974 1.0000

η /(mPa s) 0.748 0.721

1412 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₆H₁₅N (2) **triethylamine** **121-44-8**

T /°C = 25.0 81K2

x_2	0.000	0.118	0.187	0.264	0.349	0.446	0.556	0.682	0.828
η /(mPa s)	1.7618	1.4405	1.2464	1.0992	0.9323	0.7394	0.6610	0.5021	0.4183

x_2 1.000

η /(mPa s) 0.3563

1413 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₆H₁₈N₃OP (2) **hexamethylphosphoric triamide** **680-31-9**

$T/K = 303.15$ 92P4

x_2 0.0000 0.0989 0.1996 0.3022 0.4027 0.4525 0.5980 0.6994 0.7809

η /(mPa s) 1.728 1.896 1.991 2.102 2.217 2.272 2.444 2.569 2.666

x_2 0.8672 1.0000

η /(mPa s) 2.766 2.928

1414 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₆H₁₈N₃OP (2) **hexamethylphosphoric triamide** **680-31-9**

$T/K = 303.15$ 92P4

x_2 0.0000 0.0867 0.1008 0.1839 0.2608 0.3481 0.4017 0.5056 0.6052

η /(mPa s) 1.779 1.855 1.870 1.937 1.991 2.075 2.136 2.279 2.407

x_2 0.7050 0.7928 0.8899 1.0000

η /(mPa s) 2.547 2.668 2.791 2.928

1415 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₇H₈ (2) **toluene** **108-88-3**

$T/^\circ\text{C} = 30.0$ 91R3

x_2 0.0000 0.1033 0.2445 0.3449 0.4970 0.5985 0.7000 0.8612 0.9450

η /(mPa s) 1.5783 1.2844 1.0067 0.8588 0.7077 0.6405 0.5877 0.5401 0.5290

x_2 1.0000

η /(mPa s) 0.5284

1416 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₇H₈O (2) **phenylmethanol** **100-51-6**

$T/K = 303.15$ 87I1

x_2 0.000 0.078 0.155 0.240 0.330 0.424 0.525 0.633 0.747

η /(mPa s) 1.717 1.823 1.936 2.098 2.269 2.503 2.870 3.167 3.430

x_2 0.878 1.000

η /(mPa s) 3.794 4.211

1417 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₇H₁₄ (2) **methylcyclohexane** **108-87-2**

$T/^\circ\text{C} = 30.0$ 77R1

x_2 0.0000 0.0998 0.2182 0.4212 0.5760 0.7398 0.9000 1.0000

η /(mPa s)	1.711	1.420	1.188	0.918	0.777	0.677	0.637	0.637	
1418	C₃H₈O (1) C₇H₁₄O₂ (2)		propan-1-ol acetic acid pentyl ester						71-23-8 628-63-7
T /K = 298.15									97E2
x_2	0.00000	0.03321	0.09354	0.15372	0.23561	0.31120	0.38814	0.43035	
η /(mPa s)	1.894	1.856	1.790	1.724	1.623	1.552	1.467	1.422	
x_2	0.52234	0.60983	0.68741	0.75033	0.82615	0.90046	0.96432	1.00000	
η /(mPa s)	1.322	1.230	1.149	1.085	1.017	0.948	0.893	0.865	
1419	C₃H₈O (1) C₇H₁₅N (2)		propan-2-ol N-methyl-cyclohexylamine						67-63-0 100-60-7
T /K = 303.15									91C1
x_2	0.0000	0.1192	0.1776	0.2893	0.3546	0.4507	0.5978	0.6687	0.8122
η /(mPa s)	1.765	1.742	1.739	1.731	1.726	1.700	1.632	1.573	1.432
x_2	1.0000								
η /(mPa s)	1.217								
1420	C₃H₈O (1) C₇H₁₆ (2)		propan-1-ol heptane						71-23-8 142-82-5
T /K = 298.15									96S4
x_1	0.0000	0.0468	0.0989	0.2079	0.2621	0.3620	0.4569	0.5667	
η /(mPa s)	0.3901	0.3930	0.4030	0.4331	0.4540	0.4992	0.5760	0.6900	
x_1	0.6636	0.7478	0.8202	0.9458	0.9873	1.0000			
η /(mPa s)	0.8320	0.9990	1.1873	1.6591	1.8727	1.9425			
T /K = 308.15									96S4
x_1	0.0000	0.0468	0.0989	0.2079	0.2621	0.3620	0.4569	0.5667	
η /(mPa s)	0.3520	0.3551	0.3600	0.3821	0.4018	0.4432	0.4920	0.5902	
x_1	0.6636	0.7478	0.8202	0.9458	0.9873	1.0000			
η /(mPa s)	0.7000	0.8319	0.9800	1.3465	1.5060	1.5620			
T /K = 298.15									96R1
x_2	0.000	0.129	0.236	0.294	0.399	0.487	0.662	0.726	0.797
η /(mPa s)	1.989	1.623	1.385	1.228	1.025	0.948	0.718	0.626	0.558
x_2	0.901	1.000							
η /(mPa s)	0.448	0.398							
T /K = 298.15									95R1
x_2	0.000	0.129	0.236	0.294	0.399	0.487	0.662	0.726	0.797
η /(mPa s)	1.989	1.623	1.385	1.228	1.025	0.948	0.718	0.626	0.558

x_2	0.901	1.000
$\eta /(\text{mPa s})$	0.448	0.398

 $T/\text{K} = 298.15$

94P2

x_2	0.0000	0.0569	0.1025	0.1996	0.3052	0.4045	0.5038	0.6039	0.7066
$\eta /(\text{mPa s})$	1.9680	1.6541	1.4527	1.1383	0.9086	0.7500	0.6265	0.5366	0.4713

x_2	0.8001	0.8488	0.9551	1.0000
$\eta /(\text{mPa s})$	0.4307	0.4168	0.4008	0.3912

A table is given in the original source 94P2 for pressures up to 52 MPa.

94P2

1421	C₃H₈O (1) C₇H₁₆ (2)	propan-2-ol heptane	67-63-0 142-82-5
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 $T/\text{K} = 298.15$

96R1

x_2	0.000	0.248	0.296	0.352	0.432	0.514	0.689	0.788	0.898
$\eta /(\text{mPa s})$	2.108	1.285	1.028	0.886	0.738	0.629	0.487	0.436	0.418

x_2	1.000
$\eta /(\text{mPa s})$	0.398

 $T/\text{K} = 298.15$

95R1

x_2	0.000	0.248	0.296	0.352	0.432	0.514	0.689	0.788	0.898
$\eta /(\text{mPa s})$	2.108	1.285	1.028	0.886	0.738	0.629	0.487	0.436	0.418

x_2	1.000
$\eta /(\text{mPa s})$	0.398

1422	C₃H₈O (1) C₈H₈ (2)	propan-1-ol vinylbenzene	71-23-8 100-42-5
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 $T/\text{K} = 298.15$

99A3

x_2	0.0000	0.0999	0.1997	0.2980	0.3952	0.4985	0.6022	0.6984	0.7985
$\eta /(\text{mPa s})$	1.927	1.594	1.326	1.153	1.011	0.892	0.815	0.762	0.727

x_2	0.9019	1.0000
$\eta /(\text{mPa s})$	0.707	0.709

1423	C₃H₈O (1) C₈H₁₀ (2)	propan-2-ol ethylbenzene	67-63-0 100-41-4
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 $T/\text{K} = 298.15$

89R4

x_1	0.0000	0.0853	0.1396	0.2490	0.3913	0.5232	0.6353	0.7400	0.8118
$\eta /(\text{mPa s})$	0.628	0.638	0.644	0.656	0.700	0.783	0.906	1.093	1.268

x_1	0.8449	0.9112	1.0000
$\eta /(\text{mPa s})$	1.375	1.624	2.094

$T/K = 308.15$

89R4

x_1	0.0000	0.0853	0.1396	0.2490	0.3913	0.5232	0.6353	0.7400	0.8118
$\eta/(\text{mPa s})$	0.553	0.541	0.538	0.555	0.592	0.650	0.742	0.860	0.973
x_1	0.8449	0.9112	1.0000						
$\eta/(\text{mPa s})$	1.031	1.207	1.537						

1424 **C₃H₈O (1)**
C₈H₁₆O₂ (2)

propan-1-ol
acetic acid hexyl ester

71-23-8
142-92-7

 $T/K = 298.15$

97E2

x_2	0.00000	0.05531	0.09876	0.16643	0.22452	0.30711	0.38310	0.45522	
$\eta/(\text{mPa s})$	1.894	1.845	1.808	1.750	1.702	1.632	1.569	1.508	
x_2	0.53003	0.62024	0.71153	0.78814	0.83422	0.90410	0.96451	1.00000	
$\eta/(\text{mPa s})$	1.447	1.375	1.306	1.259	1.220	1.180	1.102	1.107	

1425 **C₃H₈O (1)**
C₈H₁₈ (2)

propan-1-ol
octane

71-23-8
111-65-9

 $T/K = 293.15$

98J1

x_1	0.0000	0.1140	0.2756	0.4165	0.5351	0.6355	0.6822	0.7221	0.7934
$\eta/(\text{mPa s})$	0.537	0.545	0.602	0.699	0.825	0.967	1.039	1.128	1.295
x_1	0.8726	0.9243	0.9752	1.0000					
$\eta/(\text{mPa s})$	1.545	1.746	2.003	2.125					

 $T/K = 298.15$

98J1

x_1	0.0000	0.1140	0.2756	0.4165	0.5351	0.6356	0.6823	0.7221	0.7934
$\eta/(\text{mPa s})$	0.499	0.511	0.561	0.645	0.752	0.875	0.939	1.016	1.162
x_1	0.8726	0.9243	0.9752	1.0000					
$\eta/(\text{mPa s})$	1.403	1.554	1.790	1.898					

 $T/K = 303.15$

98J1

x_1	0.0000	0.1140	0.2756	0.4165	0.5351	0.6355	0.6822	0.7221	0.7934
$\eta/(\text{mPa s})$	0.476	0.482	0.522	0.592	0.686	0.795	0.857	0.917	1.045
x_1	0.8726	0.9243	0.9752	1.0000					
$\eta/(\text{mPa s})$	1.227	1.383	1.579	1.727					

 $T/K = 308.15$

98J1

x_1	0.0000	0.0417	0.1389	0.2682	0.3477	0.4105	0.4648	0.5250	0.5911
$\eta/(\text{mPa s})$	0.453	0.458	0.466	0.497	0.528	0.558	0.591	0.636	0.694
x_1	0.6512	0.7011	0.7397	0.7864	0.8382	1.0000			
$\eta/(\text{mPa s})$	0.757	0.818	0.873	0.850	1.050	1.531			

1426 **C₃H₈O (1)**
C₈H₁₈O (2)

propan-1-ol
1-butoxy-butane

71-23-8
142-96-1

$T/K = 293.15$									98J1
x_2	0.0000	0.0203	0.0485	0.0957	0.1451	0.2035	0.2427	0.2845	0.3218
$\eta/(mPa\ s)$	2.125	2.009	1.890	1.660	1.490	1.309	1.240	1.147	1.085
x_2	0.3412	0.3848	0.4397	0.5319	0.6752	0.8209	0.8793	1.0000	
$\eta/(mPa\ s)$	1.055	0.988	0.932	0.852	0.764	0.709	0.691	0.681	
$T/K = 298.15$									98J1
x_2	0.0000	0.0203	0.0485	0.0957	0.1451	0.2035	0.2427	0.2845	
$\eta/(mPa\ s)$	1.898	1.800	1.698	1.498	1.351	1.194	1.117	1.049	
x_2	0.3412	0.3848	0.4397	0.5319	0.6752	0.8209	0.8793	1.0000	
$\eta/(mPa\ s)$	0.960	0.912	0.866	0.796	0.721	0.667	0.650	0.647	
$T/K = 303.15$									98J1
x_2	0.0000	0.0203	0.0485	0.0957	0.1451	0.2035	0.2427	0.2845	0.3218
$\eta/(mPa\ s)$	1.727	1.628	1.507	1.335	1.201	1.082	1.012	0.953	0.907
x_2	0.3412	0.3848	0.4397	0.5319	0.6752	0.8209	0.8793	1.0000	
$\eta/(mPa\ s)$	0.885	0.841	0.793	0.728	0.662	0.616	0.602	0.607	
$T/K = 308.15$									98J1
x_2	0.0000	0.0677	0.1252	0.1601	0.2091	0.2583	0.3281	0.3754	0.4260
$\eta/(mPa\ s)$	1.531	1.282	1.129	1.052	0.963	0.890	0.812	0.771	0.735
x_2	0.4820	0.5396	0.6388	0.7528	0.8736	0.9591	1.0000		
$\eta/(mPa\ s)$	0.703	0.675	0.635	0.604	0.564	0.555	0.560		

1427 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₈H₁₈O₃ (2) **1-ethoxy-2-(2-ethoxy-ethoxy)-ethane** **112-36-7**

$T/K = 298.15$									98P5
x_2	0.0000	0.0070	0.0129	0.0249	0.0395	0.0516	0.0695	0.0970	0.1283
$\eta/(mPa\ s)$	1.951	1.918	1.894	1.844	1.788	1.747	1.687	1.611	1.541
x_2	0.1736	0.2229	0.2672	0.3115	0.3638	0.4026	0.4592	0.5239	0.5856
$\eta/(mPa\ s)$	1.458	1.396	1.354	1.320	1.291	1.280	1.259	1.243	1.231
x_2	0.6363	0.6742	0.7119	0.7662	0.8311	0.8815	0.9142	0.9468	0.9756
$\eta/(mPa\ s)$	1.227	1.225	1.224	1.222	1.226	1.231	1.235	1.239	1.240
x_2	1.0000								
$\eta/(mPa\ s)$	1.241								

1428 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₈H₁₈O₄ (2) **1,2-bis-(2-methoxy-ethoxy)-ethane** **112-49-2**

$T/K = 298.15$									98P5
x_2	0.0000	0.0081	0.0165	0.0245	0.0336	0.0480	0.0692	0.0946	0.1327
$\eta/(mPa\ s)$	1.951	1.918	1.884	1.856	1.824	1.781	1.725	1.670	1.614

x_2	0.1747	0.2259	0.2757	0.3226	0.3691	0.4157	0.4606	0.5153	0.5714
$\eta /(\text{mPa s})$	1.573	1.549	1.544	1.548	1.563	1.578	1.598	1.625	1.653
x_2	0.6283	0.6732	0.7227	0.7726	0.8162	0.8625	0.9112	0.9347	0.9568
$\eta /(\text{mPa s})$	1.684	1.713	1.743	1.778	1.812	1.848	1.888	1.904	1.919
x_2	0.9775	1.0000							
$\eta /(\text{mPa s})$	1.935	1.950							

1429 **C₃H₈O (1)** **propan-1-ol** **71-23-8**
C₉H₁₂ (2) **isopropylbenzene** **98-82-8**

$T/\text{K} = 298.15$ 87R6

x_2	0.0000	0.0130	0.0796	0.1684	0.2504	0.3462	0.4697	0.5994	0.7565
$\eta /(\text{mPa s})$	2.042	1.976	1.683	1.406	1.236	1.092	0.956	0.854	0.756

x_2	1.0000
$\eta /(\text{mPa s})$	0.731

$T/\text{K} = 308.15$ 87R6

x_2	0.0000	0.0130	0.0796	0.1684	0.2504	0.3462	0.4697	0.5994	0.7565
$\eta /(\text{mPa s})$	1.565	1.523	1.334	1.140	1.011	0.896	0.791	0.712	0.657

x_2	1.0000
$\eta /(\text{mPa s})$	0.636

$T/^\circ\text{C} = 30.0$ 87A1

x_2	0.0000	0.1010	0.2013	0.3019	0.4021	0.5024	0.5998	0.7001	0.8022
$\eta /(\text{mPa s})$	1.730	1.390	1.200	1.040	0.919	0.837	0.777	0.728	0.708

x_2	0.8992	1.0000
$\eta /(\text{mPa s})$	0.697	0.671

1430 **C₃H₈O (1)** **propan-2-ol** **67-63-0**
C₉H₁₂ (2) **isopropylbenzene** **98-82-8**

$T/\text{K} = 298.15$ 89R4

x_1	0.0000	0.0653	0.1251	0.2016	0.2805	0.4198	0.5384	0.6684	0.7637
$\eta /(\text{mPa s})$	0.731	0.717	0.725	0.746	0.782	0.852	0.920	1.024	1.151

x_1	0.8413	0.9054	1.0000
$\eta /(\text{mPa s})$	1.319	1.533	2.094

$T/\text{K} = 308.15$ 89R4

x_1	0.0000	0.0653	0.1251	0.2016	0.2805	0.4198	0.5384	0.6684	0.7637
$\eta /(\text{mPa s})$	0.636	0.619	0.614	0.621	0.635	0.682	0.734	0.823	0.924

x_1	0.8413	0.9054	1.0000
$\eta /(\text{mPa s})$	1.046	1.192	1.537

1431 **C₃H₈O (1)** **propan-1-ol** **71-23-8**

	C₉H₁₂ (2)		1,3,5-trimethyl-benzene				108-67-8			
$T/^\circ\text{C} = 20.0$										50T1
x_1	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa s})$	0.721	0.748	0.855	1.075	1.419	2.102				
1432	C₃H₈O (1) C₁₀H₇Cl (2)		propan-1-ol 1-chloro-naphthalene				71-23-8 90-13-1			
$T/\text{K} = 298.15$										98A6
x_2	0.0000	0.1004	0.2017	0.2983	0.3950	0.5003	0.6002	0.6993	0.7991	
$\eta/(\text{mPa s})$	1.927	1.968	2.039	2.091	2.172	2.255	2.349	2.448	2.567	
x_2	0.9003	1.0000								
$\eta/(\text{mPa s})$	2.716	3.020								
$T/\text{K} = 303.15$										98A6
x_2	0.0000	0.1004	0.2017	0.2983	0.3950	0.5003	0.6002	0.6993	0.7991	
$\eta/(\text{mPa s})$	1.708	1.745	1.805	1.854	1.918	1.999	2.077	2.166	2.275	
x_2	0.9003	1.0000								
$\eta/(\text{mPa s})$	2.417	2.707								
$T/\text{K} = 308.15$										98A6
x_2	0.0000	0.1004	0.2017	0.2983	0.3950	0.5003	0.6002	0.6993	0.7991	
$\eta/(\text{mPa s})$	1.520	1.570	1.620	1.672	1.714	1.789	1.860	1.943	2.043	
x_2	0.9003	1.0000								
$\eta/(\text{mPa s})$	2.178	2.437								
1433	C₃H₈O (1) C₁₂H₂₆O₃ (2)		propan-1-ol bis-(2-butoxy-ethyl) ether				71-23-8 112-73-2			
$T/\text{K} = 298.15$										98P5
x_2	0.0000	0.0034	0.0097	0.0158	0.0252	0.0426	0.0734	0.0979	0.1509	
$\eta/(\text{mPa s})$	1.951	1.944	1.937	1.930	1.917	1.895	1.866	1.849	1.832	
x_2	0.1955	0.2419	0.2937	0.3481	0.3959	0.4376	0.4827	0.5400	0.5983	
$\eta/(\text{mPa s})$	1.824	1.827	1.837	1.851	1.868	1.884	1.901	1.925	1.949	
x_2	0.6416	0.6954	0.7531	0.8095	0.8656	0.9083	0.9447	0.9742	1.0000	
$\eta/(\text{mPa s})$	1.968	1.990	2.016	2.039	2.061	2.079	2.096	2.111	2.122	
1434	C₃H₈O (1) C₁₈H₃₄O₂ (2)		propan-2-ol cis-octadec-9-enoic acid				67-63-0 112-79-8			
$T/^\circ\text{C} = 45.0$										80E1
x_1	0.0000	0.0548	0.1196	0.2106	0.3381	0.5196	0.6093	0.7149	0.8044	
$\nu/(\text{mm}^2/\text{s})$	16.159	15.410	14.489	13.101	11.110	8.247	6.805	5.198	3.967	

x_1	0.8998	0.9447	1.0000
$\nu /(\text{mm}^2/\text{s})$	2.686	2.168	1.511

1435	C₃H₈O (1) C₅₇H₁₀₄O₆ (2)	propan-2-ol cis-octadec-9-enoic acid 1,2,3-propanetriyl ester	67-63-0 122-32-7
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$T / ^\circ\text{C} = 45.0$

80E1

x_1	0.0000	0.1372	0.2007	0.3127	0.3919	0.4763	0.6106	0.6974	0.7993
$\nu /(\text{mm}^2/\text{s})$	32.753	31.532	30.441	28.474	26.619	24.396	20.548	17.091	12.426

x_1	0.8958	0.9444	1.0000
$\nu /(\text{mm}^2/\text{s})$	7.835	4.811	1.511

1436	C₃H₈O₂ (1) C₄H₆O₃ (2)	2-methoxy-ethanol 4-methyl-1,3-dioxolan-2-one	109-86-4 108-32-7
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$T / \text{K} = 298.15$

95M1

x_1	0.0000	0.0632	0.1045	0.1523	0.2117	0.2527	0.3050	0.3489	0.3970
$\eta /(\text{mPa s})$	2.4711	2.2977	2.1934	2.1038	2.0037	1.9499	1.8902	1.8425	1.7938

x_1	0.4547	0.4979	0.5531	0.5954	0.6954	0.7346	0.7959	0.8414	0.9025
$\eta /(\text{mPa s})$	1.7450	1.7169	1.6801	1.6640	1.6195	1.5934	1.5742	1.5686	1.5451

x_1	0.9593	1.0000
$\eta /(\text{mPa s})$	1.5460	1.5414

$T / \text{K} = 308.15$

95M1

x_1	0.0000	0.0632	0.1045	0.1523	0.2117	0.2527	0.3050	0.3489	0.3970
$\eta /(\text{mPa s})$	2.0476	1.9134	1.8241	1.7563	1.6786	1.6341	1.5811	1.5370	1.4925

x_1	0.4547	0.4979	0.5954	0.6388	0.6954	0.7346	0.7959	0.8414	0.9025
$\eta /(\text{mPa s})$	1.4559	1.4296	1.3851	1.3610	1.3413	1.3247	1.3009	1.2966	1.2760

x_1	0.9593	1.0000
$\eta /(\text{mPa s})$	1.2659	1.2579

$T / \text{K} = 318.15$

95M1

x_1	0.0000	0.0632	0.1045	0.1523	0.2117	0.2527	0.3050	0.3489	0.3970
$\eta /(\text{mPa s})$	1.7234	1.6123	1.5409	1.4840	1.4230	1.3813	1.3389	1.3065	1.2729

x_1	0.4547	0.4979	0.5531	0.5954	0.6388	0.6954	0.7346	0.7959	0.8414
$\eta /(\text{mPa s})$	1.2237	1.2142	1.1834	1.1716	1.1466	1.1273	1.1110	1.0976	1.0825

x_1	0.9025	0.9593	1.0000
$\eta /(\text{mPa s})$	1.0760	1.0554	1.0494

1437	C₃H₈O₂ (1) C₄H₈O (2)	2-methoxy-ethanol butan-2-one	109-86-4 78-93-3
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$T / \text{K} = 278.15$

96H2

x_1	0.0000	0.1014	0.2118	0.3001	0.3864	0.4984	0.6010	0.6950	0.8004
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$\eta /(\text{mPa s})$	0.469	0.543	0.621	0.691	0.776	0.935	1.105	1.321	1.632
x_1	0.9019	1.0000							
$\eta /(\text{mPa s})$	2.006	2.439							
$T/\text{K} = 288.15$									96H2
x_1	0.0000	0.1014	0.2118	0.3001	0.3864	0.4984	0.6010	0.6950	0.8004
$\eta /(\text{mPa s})$	0.419	0.478	0.540	0.603	0.674	0.802	0.938	1.107	1.344
x_1	0.9019	1.0000							
$\eta /(\text{mPa s})$	1.625	1.931							
$T/\text{K} = 298.15$									96H2
x_1	0.0000	0.1014	0.2118	0.3001	0.3864	0.4984	0.6010	0.6950	0.8004
$\eta /(\text{mPa s})$	0.378	0.423	0.474	0.530	0.591	0.695	0.805	0.938	1.120
x_1	0.9019	1.0000							
$\eta /(\text{mPa s})$	1.334	1.552							
$T/\text{K} = 308.15$									96H2
x_1	0.0000	0.1014	0.2118	0.3001	0.3864	0.4984	0.6010	0.6950	0.8004
$\eta /(\text{mPa s})$	0.342	0.378	0.419	0.469	0.521	0.607	0.696	0.802	0.945
x_1	0.9019	1.0000							
$\eta /(\text{mPa s})$	1.108	1.264							
$T/\text{K} = 318.15$									96H2
x_1	0.0000	0.1014	0.2118	0.3001	0.3864	0.4984	0.6010	0.6950	0.8004
$\eta /(\text{mPa s})$	0.311	0.339	0.373	0.418	0.463	0.534	0.607	0.692	0.803
x_1	0.9019	1.0000							
$\eta /(\text{mPa s})$	0.931	1.042							
1438	C₃H₈O₂ (1)		2-methoxy-ethanol						109-86-4
	C₄H₈O₂ (2)		acetic acid ethyl ester						141-78-6
$T/\text{K} = 303.15$									96M2
x_1	0.0000	0.1371	0.2072	0.2966	0.4034	0.5279	0.5820	0.7187	0.8540
$\eta /(\text{mPa s})$	0.402	0.452	0.482	0.524	0.586	0.679	0.729	0.884	1.088
x_1	0.9160	1.0000							
$\eta /(\text{mPa s})$	1.202	1.376							
$T/\text{K} = 308.15$									96V1
x_2	0.0000	0.1156	0.2223	0.2802	0.4494	0.5367	0.6271	0.7420	0.7810
$\eta /(\text{mPa s})$	1.2980	1.0123	0.8897	0.8604	0.6523	0.5869	0.5380	0.4818	0.4651
x_2	0.8269	1.0000							
$\eta /(\text{mPa s})$	0.4473	0.4420							
$T/\text{K} = 298.15$									93A4
x_1	0.0000	0.0974	0.1945	0.2964	0.3997	0.4973	0.5922	0.6956	0.8008
$\eta /(\text{mPa s})$	0.433	0.470	0.514	0.572	0.644	0.736	0.838	0.992	1.190

x_1	0.9012	1.0000							
$\eta /(\text{mPa s})$	1.421	1.722							
$T/\text{K} = 303.15$									93A4
x_1	0.0000	0.0974	0.1945	0.2964	0.3997	0.4973	0.5922	0.6956	0.8008
$\eta /(\text{mPa s})$	0.410	0.444	0.484	0.536	0.601	0.683	0.775	0.912	1.086
x_1	0.9012	1.0000							
$\eta /(\text{mPa s})$	1.286	1.548							
$T/\text{K} = 308.15$									93A4
x_1	0.0000	0.0974	0.1945	0.2964	0.3997	0.4973	0.5922	0.6956	0.8008
$\eta /(\text{mPa s})$	0.390	0.420	0.456	0.514	0.564	0.636	0.719	0.840	0.994
x_1	0.9012	1.0000							
$\eta /(\text{mPa s})$	1.173	1.390							
$T/^\circ\text{C} = 40.0$									77C2
x_2	0.0000	0.0565	0.1105	0.1505	0.2273	0.3169	0.3704	0.4072	0.4502
$\nu /(\text{mm}^2/\text{s})$	1.2595	1.1214	1.0352	0.9755	0.8729	0.7728	0.7234	0.6915	0.6675
x_2	0.4982	0.5586	0.5914	0.6603	0.6929	0.7558	0.7961	0.8474	0.9112
$\nu /(\text{mm}^2/\text{s})$	0.6210	0.5801	0.5603	0.5222	0.5065	0.4772	0.4588	0.4402	0.4196
x_2	0.9436	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4115	0.3975							
$T/^\circ\text{C} = 50.0$									77C2
x_2	0.0000	0.0565	0.1105	0.1505	0.2273	0.3169	0.3704	0.4072	0.4502
$\nu /(\text{mm}^2/\text{s})$	1.0716	0.9635	0.8952	0.8402	0.7625	0.6755	0.6372	0.6107	0.5855
x_2	0.4982	0.5586	0.5914	0.6603	0.6929	0.7558	0.7961	0.8474	0.9112
$\nu /(\text{mm}^2/\text{s})$	0.5562	0.5223	0.5051	0.4745	0.4588	0.4336	0.4195	0.4022	0.3831
x_2	0.9436	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.3750	0.3622							
$T/^\circ\text{C} = 60.0$									77C2
x_2	0.0000	0.0565	0.1105	0.2273	0.3183	0.4072	0.4560	0.5054	0.5448
$\nu /(\text{mm}^2/\text{s})$	0.9152	0.8367	0.7807	0.6785	0.6051	0.5450	0.5114	0.4855	0.4674
x_2	0.6036	0.6434	0.6945	0.7503	0.8018	0.8495	0.8904	0.9451	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.4421	0.4269	0.4124	0.3932	0.3772	0.3631	0.3525	0.4301	0.3290
$T/^\circ\text{C} = 70.0$									77C2
x_2	0.0000	0.0565	0.1105	0.2273	0.3183	0.4072	0.4560	0.5054	0.5448
$\nu /(\text{mm}^2/\text{s})$	0.7901	0.7291	0.6752	0.5902	0.5355	0.4825	0.4601	0.4382	0.4222
x_2	0.6036	0.6434	0.6945	0.7503	0.8018	0.8495	0.8904	0.9451	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.4026	0.3856	0.3703	0.3521	0.3389	0.3275	0.3207	0.3085	0.3004
1439	C₃H₈O₂ (1) C₄H₁₀O (2)	2-methoxy-ethanol butan-1-ol							109-86-4 71-36-3

$T/K = 308.15$										95R3
x_1	0.0000	0.1184	0.2345	0.3377	0.4484	0.5476	0.6312	0.7363	0.9104	
$\eta /(\text{mPa s})$	1.911	1.694	1.551	1.443	1.361	1.305	1.265	1.229	1.195	
x_1	1.0000									
$\eta /(\text{mPa s})$	1.189									
1440	C₃H₈O₂ (1) C₄H₁₀O (2)			2-methoxy-ethanol butan-2-ol						109-86-4 78-92-2
$T/K = 303.15$										95K3
x_1	0.0000	0.1228	0.2090	0.3377	0.4280	0.5977	0.6442	0.7067	0.8447	
$\eta /(\text{mPa s})$	3.177	2.584	2.261	1.898	1.714	1.488	1.450	1.411	1.368	
x_1	0.9188	1.0000								
$\eta /(\text{mPa s})$	1.308	1.376								
1441	C₃H₈O₂ (1) C₄H₁₀O (2)			2-methoxy-ethanol 2-methyl-propan-1-ol						109-86-4 78-83-1
$T/K = 303.15$										95K3
x_1	0.0000	0.0962	0.2087	0.3280	0.4330	0.5976	0.6411	0.7261	0.8566	
$\eta /(\text{mPa s})$	2.882	2.478	2.104	1.823	1.653	1.493	1.468	1.431	1.398	
x_1	0.9229	1.0000								
$\eta /(\text{mPa s})$	1.391	1.376								
$T/K = 308.15$										95R3
x_1	0.0000	0.1438	0.2792	0.3329	0.5050	0.6648	0.7249	0.7936	0.8977	
$\eta /(\text{mPa s})$	2.247	1.902	1.664	1.595	1.422	1.320	1.292	1.264	1.231	
x_1	1.0000									
$\eta /(\text{mPa s})$	1.189									
1442	C₃H₈O₂ (1) C₄H₁₀O (2)			2-methoxy-ethanol 2-methyl-propan-2-ol						109-86-4 75-65-0
$T/K = 303.15$										95K3
x_1	0.0000	0.1011	0.1977	0.2694	0.3774	0.4851	0.6774	0.7450	0.8490	
$\eta /(\text{mPa s})$	3.318	2.892	2.538	2.324	2.043	1.831	1.579	1.523	1.456	
x_1	0.9028	1.0000								
$\eta /(\text{mPa s})$	1.427	1.376								
$T/K = 308.15$										95R3
x_1	0.0000	0.1438	0.2792	0.3329	0.5050	0.6648	0.7249	0.7936	0.8977	
$\eta /(\text{mPa s})$	2.546	2.241	1.929	1.713	1.527	1.402	1.350	1.298	1.242	
x_1	1.0000									

η /(mPa s)	1.189								
1443	C₃H₈O₂ (1) C₄H₁₀O₂ (2)	2-methoxy-ethanol 1,2-dimethoxy-ethane							109-86-4 110-71-4
T /K = 298.15	99P4								
x_1	0.0000	0.0157	0.0290	0.0479	0.0624	0.0782	0.0978	0.1227	0.1763
ν /(mm ² /s)	0.483	0.490	0.495	0.503	0.507	0.512	0.519	0.530	0.554
x_1	0.2178	0.2703	0.3145	0.3599	0.4210	0.4860	0.5142	0.5596	0.5992
ν /(mm ² /s)	0.574	0.605	0.628	0.659	0.704	0.758	0.782	0.826	0.865
x_1	0.6512	0.7115	0.7803	0.8427	0.8812	0.9158	0.9439	0.9802	1.0000
ν /(mm ² /s)	0.926	1.006	1.110	1.220	1.297	1.374	1.441	1.540	1.595
T /K = 308.15	99P4								
x_1	0.0000	0.0157	0.0290	0.0479	0.0624	0.0782	0.0978	0.1227	0.1763
ν /(mm ² /s)	0.438	0.442	0.448	0.454	0.459	0.465	0.470	0.478	0.499
x_1	0.2178	0.2703	0.3145	0.3599	0.4210	0.4860	0.5142	0.5596	0.5992
ν /(mm ² /s)	0.515	0.540	0.560	0.585	0.619	0.661	0.684	0.717	0.750
x_1	0.6512	0.7115	0.7803	0.8427	0.8812	0.9158	0.9439	0.9802	1.0000
ν /(mm ² /s)	0.797	0.859	0.939	1.025	1.083	1.143	1.195	1.273	1.316
T /°C = -10.0	97C1								
x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
ν /(mm ² /s)	0.7002	0.8492	0.9818	1.161	1.324	1.593	1.903	2.270	2.736
x_1	0.9189	1.0000							
ν /(mm ² /s)	3.128	3.594							
T /°C = -5.0	97C1								
x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
ν /(mm ² /s)	0.6557	0.7904	0.9087	1.073	1.212	1.448	1.710	2.024	2.409
x_1	0.9189	1.0000							
ν /(mm ² /s)	2.746	3.138							
T /°C = 0.0	97C1								
x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
ν /(mm ² /s)	0.6220	0.7399	0.8437	0.9925	1.113	1.324	1.546	1.819	2.138
x_1	0.9189	1.0000							
ν /(mm ² /s)	2.427	2.763							
T /°C = 5.0	97C1								
x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
ν /(mm ² /s)	0.5898	0.6918	0.7880	0.9229	1.026	1.214	1.405	1.642	1.912
x_1	0.9189	1.0000							
ν /(mm ² /s)	2.163	2.182							
T /°C = 10.0	97C1								

x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
$\nu /(\text{mm}^2/\text{s})$	0.5605	0.6507	0.7363	0.8601	0.9501	1.185	1.283	1.489	1.717
x_1	0.9189	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.940	2.182							
$T/^\circ\text{C} = 15.0$									97C1
x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
$\nu /(\text{mm}^2/\text{s})$	0.5338	0.6115	0.6915	0.8035	0.8832	1.033	1.177	1.360	1.556
x_1	0.9189	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.750	1.959							
$T/^\circ\text{C} = 20.0$									97C1
x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
$\nu /(\text{mm}^2/\text{s})$	0.5095	0.5767	0.6492	0.7523	0.8236	0.9576	1.085	1.246	1.415
x_1	0.9189	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.586	1.769							
$T/^\circ\text{C} = 25.0$									97C1
x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
$\nu /(\text{mm}^2/\text{s})$	0.4859	0.5459	0.6125	0.7086	0.7696	0.8899	1.004	1.147	1.292
x_1	0.9189	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.446	1.607							
$T/^\circ\text{C} = 30.0$									97C1
x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
$\nu /(\text{mm}^2/\text{s})$	0.4626	0.5191	0.5796	0.6663	0.7215	0.8302	0.9322	1.062	1.186
x_1	0.9189	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.325	1.469							
$T/^\circ\text{C} = 35.0$									97C1
x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
$\nu /(\text{mm}^2/\text{s})$	0.4417	0.4931	0.5503	0.6287	0.6801	0.7762	0.8695	0.9852	1.094
x_1	0.9189	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.219	1.341							
$T/^\circ\text{C} = 40.0$									97C1
x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
$\nu /(\text{mm}^2/\text{s})$	0.4235	0.4702	0.5223	0.5940	0.6398	0.7282	0.8137	0.9160	1.013
x_1	0.9189	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.126	1.232							
$T/^\circ\text{C} = 45.0$									97C1
x_1	0.0000	0.1264	0.2477	0.3610	0.4679	0.5685	0.6640	0.7547	0.8405
$\nu /(\text{mm}^2/\text{s})$	0.4052	0.4483	0.4965	0.5626	0.6053	0.6860	0.7631	0.8538	0.9406
x_1	0.9189	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.042	1.137							

x_1	0.0000	0.1536	0.2181	0.3068	0.3756	0.4802	0.6881	0.7438	0.8293
$\eta /(\text{mPa s})$	2.958	2.477	2.305	2.095	1.955	1.772	1.512	1.470	1.413
x_1	0.9356	1.0000							
$\eta /(\text{mPa s})$	1.380	1.376							
1445	C₃H₈O₂ (1) C₅H₁₂O (2)		2-methoxy-ethanol pentan-1-ol						109-86-4 71-41-0
$T/\text{K} = 308.15$									95R3
x_1	0.0000	0.1438	0.2792	0.3329	0.5050	0.6648	0.7249	0.7936	0.8977
$\eta /(\text{mPa s})$	2.534	1.966	1.804	1.665	1.511	1.385	1.309	1.284	1.230
x_1	1.0000								
$\eta /(\text{mPa s})$	1.189								
1446	C₃H₈O₂ (1) C₆H₅Br (2)		2-methoxy-ethanol bromobenzene						109-86-4 108-86-1
$T/\text{K} = 303.15$									95K4
x_1	0.0000	0.1188	0.2190	0.3173	0.4336	0.4974	0.5621	0.7198	0.8018
$\eta /(\text{mPa s})$	0.985	0.997	1.024	1.060	1.114	1.147	1.179	1.255	1.296
x_1	0.9254	1.0000							
$\eta /(\text{mPa s})$	1.352	1.376							
1447	C₃H₈O₂ (1) C₆H₅Cl (2)		2-methoxy-ethanol chlorobenzene						109-86-4 108-90-7
$T/\text{K} = 303.15$									95K4
x_1	0.0000	0.1075	0.2093	0.3086	0.4173	0.4993	0.6006	0.7032	0.8023
$\eta /(\text{mPa s})$	0.716	0.749	0.782	0.836	0.894	0.952	1.028	1.113	1.201
x_1	0.9234	1.0000							
$\eta /(\text{mPa s})$	1.309	1.376							
1448	C₃H₈O₂ (1) C₆H₅NO₂ (2)		2-methoxy-ethanol nitrobenzene						109-86-4 98-95-3
$T/\text{K} = 303.15$									95K4
x_1	0.0000	0.1320	0.2148	0.2725	0.3929	0.5243	0.5584	0.7423	0.8512
$\eta /(\text{mPa s})$	1.635	1.553	1.514	1.490	1.453	1.428	1.425	1.409	1.397
x_1	0.9147	1.0000							
$\eta /(\text{mPa s})$	1.391	1.376							
1449	C₃H₈O₂ (1) C₆H₆ (2)		2-methoxy-ethanol benzene						109-86-4 71-43-2

$T/K = 303.15$										95K4
x_1	0.0000	0.1174	0.1933	0.2642	0.3837	0.4988	0.6540	0.7474	0.8430	
$\eta /(\text{mPa s})$	0.562	0.599	0.628	0.659	0.728	0.804	0.945	1.049	1.168	
x_1	0.8998	1.0000								
$\eta /(\text{mPa s})$	1.246	1.376								

1450 **C₃H₈O₂ (1)** **2-methoxy-ethanol** **109-86-4**
C₆H₁₂O (2) **cyclohexanol** **108-93-0**

$T/K = 303.15$										95K3
x_1	0.0000	0.1350	0.2320	0.3144	0.4389	0.4908	0.5515	0.7808	0.8288	
$\eta /(\text{mPa s})$	41.064	31.362	23.638	17.355	9.281	6.609	4.075	3.173	2.225	
x_1	0.9188	1.0000								
$\eta /(\text{mPa s})$	1.811	1.376								

1451 **C₃H₈O₂ (1)** **2-methoxy-ethanol** **109-86-4**
C₆H₁₂O₂ (2) **acetic acid butyl ester** **123-86-4**

$T/K = 303.15$										96M2
x_1	0.0000	0.1373	0.2484	0.3341	0.4214	0.4607	0.6479	0.7538	0.7951	
$\eta /(\text{mPa s})$	0.628	0.661	0.694	0.726	0.767	0.788	0.923	1.029	1.077	
x_1	0.9381	1.0000								
$\eta /(\text{mPa s})$	1.274	1.376								

$T/K = 308.15$										96V1
x_2	0.0000	0.0756	0.3393	0.4498	0.5116	0.5628	0.7049	0.7949	0.8396	
$\eta /(\text{mPa s})$	1.3007	1.0390	0.8682	0.8004	0.7502	0.7215	0.7013	0.6843	0.6762	
x_2	1.0000									
$\eta /(\text{mPa s})$	0.6054									

$T/K = 298.15$										93A4
x_1	0.0000	0.0967	0.1995	0.2988	0.3986	0.4983	0.6028	0.6970	0.7987	
$\eta /(\text{mPa s})$	0.673	0.703	0.736	0.787	0.841	0.922	1.010	1.130	1.285	
x_1	0.9012	1.0000								
$\eta /(\text{mPa s})$	1.480	1.722								

$T/K = 303.15$										93A4
x_1	0.0000	0.0967	0.1995	0.2988	0.3986	0.4983	0.6028	0.6970	0.7987	
$\eta /(\text{mPa s})$	0.630	0.656	0.686	0.731	0.780	0.849	0.928	1.034	1.170	
x_1	0.9012	1.0000								
$\eta /(\text{mPa s})$	1.340	1.548								

$T/K = 308.15$										93A4
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x_1	0.0000	0.0967	0.1995	0.2988	0.3986	0.4983	0.6028	0.6970	0.7987	
$\eta /(\text{mPa s})$	0.592	0.615	0.641	0.680	0.723	0.785	0.855	0.948	1.066	
x_1	0.9012	1.0000								
$\eta /(\text{mPa s})$	1.217	1.390								
1452	C₃H₈O₂ (1) C₆H₁₄O₂ (2)		2-methoxy-ethanol 1,2-diethoxy-ethane						109-86-4 629-14-1	
$T/\text{K} = 298.15$									99P5	
x_1	0.0000	0.0142	0.0354	0.0658	0.0821	0.1085	0.1503	0.2016	0.2800	
$\eta /(\text{mPa s})$	0.602	0.608	0.617	0.631	0.639	0.647	0.663	0.685	0.723	
x_1	0.3202	0.3604	0.4322	0.4797	0.5152	0.5455	0.5957	0.6464	0.7119	
$\eta /(\text{mPa s})$	0.742	0.767	0.812	0.847	0.875	0.901	0.946	0.996	1.066	
x_1	0.7472	0.8023	0.8705	0.9222	0.9592	0.9843	1.0000			
$\eta /(\text{mPa s})$	1.105	1.180	1.275	1.366	1.425	1.497	1.532			
$T/\text{K} = 308.15$									99P5	
x_1	0.0000	0.0142	0.0354	0.0658	0.0821	0.1085	0.1503	0.2016	0.2800	
$\eta /(\text{mPa s})$	0.522	0.529	0.539	0.549	0.553	0.561	0.578	0.592	0.620	
x_1	0.3202	0.3604	0.4322	0.4797	0.5152	0.5455	0.5957	0.6464	0.7119	
$\eta /(\text{mPa s})$	0.639	0.655	0.691	0.718	0.739	0.758	0.792	0.832	0.883	
x_1	0.7472	0.8023	0.8705	0.9222	0.9592	0.9843	1.0000			
$\eta /(\text{mPa s})$	0.918	0.969	1.054	1.119	1.167	1.223	1.252			
1453	C₃H₈O₂ (1) C₇H₈ (2)		2-methoxy-ethanol toluene						109-86-4 108-88-3	
$T/\text{K} = 303.15$									95K4	
x_1	0.0000	0.1311	0.2283	0.3137	0.4227	0.5253	0.6244	0.7116	0.8018	
$\eta /(\text{mPa s})$	0.520	0.566	0.608	0.645	0.716	0.784	0.870	0.954	1.057	
x_1	0.9149	1.0000								
$\eta /(\text{mPa s})$	1.219	1.376								
1454	C₃H₈O₂ (1) C₈H₈O₂ (2)		2-methoxy-ethanol benzoic acid methyl ester						109-86-4 93-58-3	
$T/\text{K} = 298.15$									93A4	
x_1	0.0000	0.0991	0.2001	0.3023	0.3992	0.4989	0.5981	0.6990	0.7991	
$\eta /(\text{mPa s})$	1.825	1.735	1.689	1.686	1.675	1.646	1.675	1.668	1.699	
x_1	0.8983	1.0000								
$\eta /(\text{mPa s})$	1.693	1.722								
$T/\text{K} = 303.15$									93A4	
x_1	0.0000	0.0991	0.2001	0.3023	0.3992	0.4989	0.5981	0.6990	0.7991	

η /(mPa s)	1.656	1.571	1.523	1.524	1.511	1.478	1.508	1.500	1.525
x_1	0.8983	1.0000							
η /(mPa s)	1.522	1.548							
T /K = 308.15									93A4
x_1	0.0000	0.0991	0.2001	0.3023	0.3992	0.4989	0.5981	0.6990	0.7991
η /(mPa s)	1.510	1.427	1.385	1.378	1.366	1.340	1.362	1.356	1.375
x_1	0.8983	1.0000							
η /(mPa s)	1.372	1.390							
1455	C₃H₈O₂ (1) C₉H₁₀O₂ (2)		2-methoxy-ethanol benzoic acid ethyl ester						109-86-4 93-89-0
T /K = 298.15									93A4
x_1	0.0000	0.1045	0.1990	0.2979	0.4016	0.5007	0.6025	0.6973	0.7982
η /(mPa s)	1.932	1.883	1.824	1.803	1.757	1.774	1.752	1.773	1.761
x_1	0.8977	1.0000							
η /(mPa s)	1.783	1.722							
T /K = 303.15									93A4
x_1	0.0000	0.1045	0.1990	0.2979	0.4016	0.5007	0.6025	0.6973	0.7982
η /(mPa s)	1.741	1.703	1.650	1.631	1.587	1.598	1.581	1.592	1.581
x_1	0.8977	1.0000							
η /(mPa s)	1.602	1.548							
T /K = 308.15									93A4
x_1	0.0000	0.1045	0.1990	0.2979	0.4016	0.5007	0.6025	0.6973	0.7982
η /(mPa s)	1.578	1.550	1.501	1.480	1.441	1.448	1.431	1.439	1.431
x_1	0.8977	1.0000							
η /(mPa s)	1.444	1.390							
1456	C₃H₉N (1) C₄H₁₀O (2)		propylamine butan-1-ol						107-10-8 71-36-3
T /K = 303.15									98O1
x_1	0.0000	0.0967	0.1860	0.2863	0.4131	0.5140	0.6196	0.7178	0.8121
η /(mPa s)	2.2853	2.0196	1.7714	1.5014	1.1768	0.9669	0.7833	0.6396	0.5233
x_1	0.9017	1.0000							
η /(mPa s)	0.4330	0.3512							
T /K = 313.15									98O1
x_1	0.0000	0.0967	0.1860	0.2863	0.4131	0.5140	0.6196	0.7178	0.8121
η /(mPa s)	1.8170	1.6165	1.4267	1.2183	0.9675	0.7924	0.6548	0.5412	0.4506
x_1	0.9017	1.0000							
η /(mPa s)	0.3783	0.3123							

$T/K = 298.15$										95P1
x_2	0.0000	0.0488	0.0977	0.2026	0.2966	0.4000	0.4939	0.5800	0.6450	
$\eta /(\text{mPa s})$	0.3650	0.3946	0.4367	0.5520	0.6772	0.8384	1.0033	1.1663	1.3050	
x_2	0.7024	0.7958	0.9025	1.0000						
$\eta /(\text{mPa s})$	1.4495	1.7211	2.1134	2.5780						

A table is given in the original source 95P1 for pressures up to 52 MPa.

95P1

1457 **C₃H₉N (1)** **propylamine** **107-10-8**
C₅H₁₂O (2) **pentan-1-ol** **71-41-0**

$T/K = 303.15$										98O1
x_1	0.0000	0.0915	0.1847	0.3069	0.4139	0.4894	0.5810	0.7163	0.8117	
$\eta /(\text{mPa s})$	2.8315	2.5039	2.1667	1.7547	1.4313	1.2243	0.9914	0.7168	0.5615	
x_1	0.9000	1.0000								
$\eta /(\text{mPa s})$	0.4508	0.3512								
$T/K = 313.15$										98O1
x_1	0.0000	0.0915	0.1847	0.3069	0.4139	0.4894	0.5810	0.7163	0.8117	
$\eta /(\text{mPa s})$	2.3443	2.0659	1.7895	1.4372	1.1761	1.0027	0.8193	0.6111	0.4880	
x_1	0.9000	1.0000								
$\eta /(\text{mPa s})$	0.3958	0.3123								

1458 **C₃H₉N (1)** **propylamine** **107-10-8**
C₆H₁₅N (2) **triethylamine** **121-44-8**

$T/K = 303.15$										92O4
x_2	0.0000	0.1027	0.2061	0.3991	0.4950	0.6009	0.7911	0.8925	1.0000	
$\eta /(\text{mPa s})$	0.3479	0.3371	0.3317	0.3268	0.3278	0.3310	0.3408	0.3499	0.3592	

1459 **C₃H₉N (1)** **propylamine** **107-10-8**
C₇H₁₆O (2) **heptan-1-ol** **111-70-6**

$T/K = 303.15$										98O1
x_1	0.0000	0.0918	0.1876	0.2917	0.3927	0.4818	0.6142	0.7167	0.7997	
$\eta /(\text{mPa s})$	4.7853	4.0470	3.3503	2.6694	2.1142	1.6875	1.1768	0.8748	0.6780	
x_1	0.9056	1.0000								
$\eta /(\text{mPa s})$	0.4813	0.3512								
$T/K = 313.15$										98O1
x_1	0.0000	0.0918	0.1876	0.2917	0.3927	0.4818	0.6142	0.7167	0.7997	
$\eta /(\text{mPa s})$	3.5786	3.0457	2.5219	2.0235	1.5927	1.2802	0.9105	0.6933	0.5549	
x_1	0.9056	1.0000								
$\eta /(\text{mPa s})$	0.4108	0.3123								

1460	C₃H₉N (1) C₈H₁₈O (2)	propylamine octan-1-ol							107-10-8 111-87-5
<i>T</i> /K = 303.15									9801
<i>x</i> ₁	0.0000	0.1005	0.1898	0.3064	0.3850	0.4834	0.5835	0.6813	0.7916
<i>η</i> /(mPa s)	6.1023	4.9877	4.1498	3.2296	2.6890	2.1074	1.6010	1.1820	0.8056
<i>x</i> ₁	0.8908	1.0000							
<i>η</i> /(mPa s)	0.5464	0.3512							
<i>T</i> /K = 313.15									9801
<i>x</i> ₁	0.0000	0.1005	0.1898	0.3064	0.3850	0.4834	0.5835	0.6813	0.7916
<i>η</i> /(mPa s)	4.4132	3.6506	3.0522	2.3704	1.9762	1.5628	1.2025	0.9234	0.6649
<i>x</i> ₁	0.8908	1.0000							
<i>η</i> /(mPa s)	0.4703	0.3123							
1461	C₃H₉N (1) C₁₀H₂₂O (2)	propylamine decan-1-ol							107-10-8 112-30-1
<i>T</i> /K = 303.15									9801
<i>x</i> ₁	0.0000	0.0915	0.1817	0.2830	0.3906	0.4858	0.5900	0.7180	0.8181
<i>η</i> /(mPa s)	8.8347	7.4646	6.2490	5.0357	3.9064	3.0370	2.2108	1.3835	0.8865
<i>x</i> ₁	0.9058	1.0000							
<i>η</i> /(mPa s)	0.5706	0.3512							
<i>T</i> /K = 313.15									9801
<i>x</i> ₁	0.0000	0.0915	0.1817	0.2830	0.3906	0.4858	0.5900	0.7180	0.8181
<i>η</i> /(mPa s)	6.9555	5.8600	4.8202	3.8902	2.9735	2.2843	1.6538	1.0507	0.7052
<i>x</i> ₁	0.9058	1.0000							
<i>η</i> /(mPa s)	0.4810	0.3123							
1462	C₃H₉N (1) C₁₂H₂₇N (2)	propylamine tributylamine							107-10-8 102-82-9
<i>T</i> /K = 303.15									9203
<i>x</i> ₂	0.0000	0.2025	0.4055	0.4953	0.6030	0.7931	1.0000		
<i>η</i> /(mPa s)	0.3479	0.5088	0.6949	0.7795	0.8793	1.0398	1.1668		
1463	C₃H₉NO₂S (1) C₄H₈O₂ (2)	N,N-dimethyl-methanesulfonamide 1,4-dioxane							918-05-8 123-91-1
<i>T</i> /°C = 60.0									75V1
<i>x</i> ₁	0.000	0.100	0.200	0.299	0.400	0.498	0.598	0.700	0.795
<i>η</i> /(mPa s)	0.70	0.79	0.89	1.01	1.15	1.30	1.47	1.67	1.89

x_1 0.900 1.000
 η /(mPa s) 2.16 2.44

1464 **C₃H₉NO₂S (1)** **N,N-dimethyl-methanesulfonamide** **918-05-8**
C₄H₁₀O (2) **butan-1-ol** **71-36-3**

$T/K = 333.15$ 83P3

x_1 0.0000 0.1050 0.2051 0.3154 0.4109 0.5066 0.6101 0.6996 0.8005
 η /(mPa s) 1.124 1.026 1.020 1.061 1.115 1.200 1.319 1.462 1.722

x_1 0.8868 1.0000
 η /(mPa s) 1.992 2.443

1465 **C₄H₂O₃ (1)** **maleic acid anhydride** **108-31-6**
C₁₂H₁₁N (2) **diphenylamine** **122-39-4**

$T/^\circ\text{C} = 100.0$ 51O1

x_2 0.00 0.20 0.40 0.45 0.50 0.55 0.60 0.8 1.00
 η /(mPa s) 1.01 3.04 19.41 39.19 60.62 32.52 16.01 3.03 1.59

$T/^\circ\text{C} = 120.0$ 51O1

x_2 0.00 0.20 0.40 0.45 0.50 0.55 0.60 0.8 1.00
 η /(mPa s) 0.83 1.88 6.84 8.18 14.57 6.89 6.35 1.82 1.13

1466 **C₄H₄S (1)** **thiophene** **110-02-1**
C₆H₆ (2) **benzene** **71-43-2**

$T/^\circ\text{C} = 20.0$ 45F1

x_2 0.0000 0.0954 0.2999 0.3993 0.4604 0.5573 0.5989 0.6973 0.8013
 η /(mPa s) 0.650 0.650 0.650 0.652 0.652 0.656 0.654 0.656 0.658

x_2 0.9020 1.0000
 η /(mPa s) 0.659 0.662

1467 **C₄H₅N (1)** **1H-pyrrole** **109-97-7**
C₄H₅NS (2) **3-isothiocyanato-prop-1-ene** **57-06-7**

$T/^\circ\text{C} = 20.0$ 38D1

x_2 0.00 0.20 0.40 0.60 0.80 1.00
 η /(mPa s) 1.291 1.072 0.936 0.866 0.817 0.772

1468 **C₄H₅N (1)** **1H-pyrrole** **109-97-7**
C₄H₈O (2) **2-methyl-propionaldehyde** **78-84-2**

$T/^\circ\text{C} = 20.0$ 38D1

	C₆H₅Br (2)		bromobenzene				108-86-1	
<i>T</i> /°C = 20.0	37D1							
<i>x</i> ₂	0.00	0.20	0.40	0.60	0.80	1.00		
<i>η</i> /(mPa s)	1.271	1.216	1.181	1.144	1.124	1.124		
1474	C₄H₅N (1) C₆H₅Cl (2)		1H-pyrrole chlorobenzene				109-97-7 108-90-7	
<i>T</i> /°C = 20.0	37D1							
<i>x</i> ₂	0.00	0.30	0.50	0.70	1.00			
<i>η</i> /(mPa s)	1.271	1.041	0.945	0.872	0.794			
1475	C₄H₅N (1) C₆H₅I (2)		1H-pyrrole iodobenzene				109-97-7 591-50-4	
<i>T</i> /°C = 20.0	37D1							
<i>x</i> ₂	0.00	0.20	0.40	0.60	0.80	1.00		
<i>η</i> /(mPa s)	1.271	1.325	1.410	1.485	1.513	1.624		
1476	C₄H₅N (1) C₆H₅NO₂ (2)		1H-pyrrole nitrobenzene				109-97-7 98-95-3	
<i>T</i> /°C = 20.0	38D1							
<i>x</i> ₂	0.00	0.20	0.40	0.50	0.60	0.70	0.80	1.00
<i>η</i> /(mPa s)	1.310	1.418	1.495	1.537	1.620	1.687	1.810	1.989
1477	C₄H₅N (1) C₆H₆ (2)		1H-pyrrole benzene				109-97-7 71-43-2	
<i>T</i> /°C = 20.0	37D1							
<i>x</i> ₂	0.00	0.20	0.40	0.60	0.80	1.00		
<i>η</i> /(mPa s)	1.271	0.986	0.853	0.752	0.683	0.638		
1478	C₄H₅N (1) C₆H₇N (2)		1H-pyrrole aniline				109-97-7 62-53-3	
<i>T</i> /°C = 20.0	38D1							
<i>x</i> ₂	0.00	0.20	0.40	0.50	0.60	0.70	0.80	1.00
<i>η</i> /(mPa s)	1.297	1.759	2.296	2.591	2.853	3.253	3.579	4.391
1479	C₄H₅N (1) C₆H₇N (2)		1H-pyrrole 3-methyl-pyridine				109-97-7 108-99-6	

$T/^\circ\text{C} = 20.0$									38D1
x_2	0.00	0.20	0.30	0.333	0.40	0.50	0.60	0.80	1.00
$\eta /(\text{mPa s})$	1.271	1.362	1.378	1.394	1.379	1.335	1.270	1.051	0.894
1480	C₄H₅N (1) C₆H₈N₂ (2)	1H-pyrrole phenylhydrazine						109-97-7 100-63-0	
$T/^\circ\text{C} = 25.0$									38D1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	1.215	1.947	3.255	5.319	8.504	13.340			
1481	C₄H₅N (1) C₆H₁₅N (2)	1H-pyrrole triethylamine						109-97-7 121-44-8	
$T/^\circ\text{C} = 20.0$									38D1
x_2	0.00	0.20	0.40	0.50	0.60	0.80	1.00		
$\eta /(\text{mPa s})$	1.271	1.113	0.919	0.783	0.665	0.479	0.375		
1482	C₄H₅N (1) C₇H₉N (2)	1H-pyrrole benzylamine						109-97-7 100-46-9	
$T/^\circ\text{C} = 20.0$									38D1
x_2	0.00	0.20	0.40	0.50	0.60	0.80	1.00		
$\eta /(\text{mPa s})$	1.301	1.758	2.169	2.246	2.207	2.050	1.835		
1483	C₄H₅N (1) C₈H₁₁N (2)	1H-pyrrole N,N-dimethyl-aniline						109-97-7 121-69-7	
$T/^\circ\text{C} = 20.0$									38D1
x_2	0.00	0.20	0.40	0.50	0.60	0.80	1.00		
$\eta /(\text{mPa s})$	1.253	1.271	1.300	1.319	1.336	1.363	1.387		
$T/^\circ\text{C} = 25.0$									38D1
x_2	0.00	0.20	0.40	0.50	0.60	0.80	1.00		
$\eta /(\text{mPa s})$	1.061	1.097	1.146	1.168	1.198	1.235	1.275		
1484	C₄H₅N (1) C₉H₇N (2)	1H-pyrrole quinoline						109-97-7 91-22-5	
$T/^\circ\text{C} = 20.0$									38D1
x_2	0.00	0.20	0.30	0.60	0.666	0.70	0.80	1.00	
$\eta /(\text{mPa s})$	1.300	2.160	3.461	4.256	4.365	4.376	4.331	4.146	

1485	C₄H₅N (1) C₁₀H₁₄N₂ (2)	1H-pyrrole (S)-(-)-nicotine							109-97-7 54-11-5
<i>T</i> /°C = 20.0									38D1
<i>x</i> ₂	0.00	0.20	0.333	0.40	0.50	0.60	0.70	0.80	1.00
<i>η</i> /(mPa s)	1.301	2.806	3.967	4.238	4.549	4.649	4.619	4.605	4.438
1486	C₄H₅NS (1) C₅H₁₁N (2)	3-isothiocyanato-prop-1-ene piperidine							57-06-7 110-89-4
<i>T</i> /°C = 25.0									13K2
<i>x</i> ₂	0.00	0.10	0.25	0.40	0.4091	0.45	0.48	0.50	0.52
<i>η</i> /(mPa s)	0.673	1.169	4.153	37.26	37.86	118.25	248.61	353.09	260.26
<i>x</i> ₂	0.55	0.60	0.75	0.90	1.00				
<i>η</i> /(mPa s)	171.98	68.15	10.452	2.576	1.362				
<i>T</i> /°C = 50.0									13K2
<i>x</i> ₂	0.00	0.45	0.48	0.50	0.52	0.55	1.00		
<i>η</i> /(mPa s)	0.541	23.732	34.752	55.029	42.08	31.026	0.845		
<i>T</i> /°C = 80.0									13K2
<i>x</i> ₂	0.00	0.4091	0.45	0.48	0.50	0.52	0.55	0.90	1.00
<i>η</i> /(mPa s)	0.427	4.386	7.538	7.842	9.333	7.829	7.66	0.746	0.738
1487	C₄H₅NS (1) C₆H₆ (2)	3-isothiocyanato-prop-1-ene benzene							57-06-7 71-43-2
<i>T</i> /°C = 30.0									81L1
<i>φ</i> ₁	0.10	0.20	0.30	0.40	0.50				
<i>η</i> /(mPa s)	0.7947	0.9861	1.4132	1.9432	2.9040				
1488	C₄H₅NS (1) C₆H₇N (2)	3-isothiocyanato-prop-1-ene aniline							57-06-7 62-53-3
<i>T</i> /°C = 100.0									14K2
<i>x</i> ₂	0.00	0.10	0.20	0.30	0.40	0.48	0.50	0.52	0.60
<i>η</i> /(mPa s)	0.316	0.452	0.785	1.842	4.408	8.282	9.066	7.868	4.016
<i>x</i> ₂	0.70	0.80	0.90	1.00					
<i>η</i> /(mPa s)	2.186	1.342	0.912	0.691					
<i>T</i> /°C = 125.0									14K2
<i>x</i> ₂	0.00	0.10	0.20	0.30	0.40	0.48	0.50	0.52	0.60
<i>η</i> /(mPa s)	0.263	0.365	0.630	1.464	2.794	3.623	3.762	3.442	2.292
<i>x</i> ₂	0.70	0.80	0.90	1.00					

η /(mPa s)	1.354	0.909	0.623	0.492
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1489	C₄H₅NS (1) C₆H₁₂ (2)	3-isothiocyanato-prop-1-ene cyclohexane	57-06-7 110-82-7
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$T/^\circ\text{C} = 30.0$										81L1
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φ_1	0.10	0.20	0.30	0.40	0.50
η /(mPa s)	1.0954	1.3284	1.9193	2.7436	4.2344

1490	C₄H₅NS (1) C₆H₁₂ (2)	2-methyl-thiazole cyclohexane	3581-87-1 110-82-7
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$T/^\circ\text{C} = 25.0$										68M3
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x_2	0.0000	0.274	0.497	0.711	0.7987	0.8553	1.0000
η /(mPa s)	0.9538	0.803	0.764	0.754	0.773	0.7844	0.880

1491	C₄H₅NS (1) C₇H₈ (2)	3-isothiocyanato-prop-1-ene toluene	57-06-7 108-88-3
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$T/^\circ\text{C} = 30.0$										81L1
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φ_1	0.10	0.20	0.30	0.40	0.50
η /(mPa s)	0.7382	1.0216	1.4482	2.0691	2.9455

1492	C₄H₅NS (1) C₇H₉N (2)	3-isothiocyanato-prop-1-ene N-methyl-aniline	57-06-7 100-61-8
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$T/^\circ\text{C} = 25.0$										13K2
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x_2	0.00	0.10	0.25	0.40	0.48	0.50	0.52	0.55	0.60
η /(mPa s)	0.673	1.173	2.550	10.180	30.877	35.137	31.601	25.133	16.076

x_2	0.75	0.90	1.00
η /(mPa s)	5.370	3.140	2.000

$T/^\circ\text{C} = 50.0$										13K2
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x_2	0.00	0.10	0.25	0.40	0.48	0.50	0.55	0.60	0.75
η /(mPa s)	0.541	0.866	2.125	5.060	9.719	11.578	8.330	5.720	2.480

x_2	0.90	1.00
η /(mPa s)	1.601	1.475

1493	C₄H₅NS (1) C₇H₉N (2)	3-isothiocyanato-prop-1-ene 2-methyl-aniline	57-06-7 95-53-4
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$T/^\circ\text{C} = 95.0$										48P1
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x_2	0.00	0.20	0.333	0.42	0.47	0.50	0.53	0.666	0.80
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η /(mPa s)	0.345	1.001	5.46	8.87	13.40	15.49	11.58	3.53	1.52
x_2	1.00								
η /(mPa s)	0.810								
1494	C₄H₅NS (1) C₇H₉N (2)		3-isothiocyanato-prop-1-ene 4-methyl-aniline						57-06-7 106-49-0
$T/^\circ\text{C} = 85.0$									48P1
x_2	0.00	0.10	0.20	0.30	0.40	0.47	0.50	0.53	0.60
η /(mPa s)	0.400	0.615	1.352	3.450	9.520	22.34	25.03	17.44	8.012
x_2	0.70	0.80	0.90	1.00					
η /(mPa s)	3.600	1.950	1.284	0.961					
1495	C₄H₅NS (1) C₇H₁₆ (2)		3-isothiocyanato-prop-1-ene heptane						57-06-7 142-82-5
$T/^\circ\text{C} = 30.0$									81L1
φ_1	0.10	0.20	0.30	0.40	0.50				
η /(mPa s)	0.5648	0.7784	1.0420	1.2718	1.4766				
1496	C₄H₅NS (1) C₈H₁₁N (2)		3-isothiocyanato-prop-1-ene N,N-dimethyl-aniline						57-06-7 121-69-7
$T/^\circ\text{C} = 25.0$									29T1
x_2	0.0000	0.2324	0.4846	0.7377	1.0000				
η /(mPa s)	0.671	0.761	0.884	1.032	1.203				
1497	C₄H₅NS (1) C₈H₁₁N (2)		3-isothiocyanato-prop-1-ene N-ethyl-aniline						57-06-7 103-69-5
$T/^\circ\text{C} = 25.0$									29T1
x_1	0.0000	0.2366	0.4021	0.4673	0.5000	0.5346	0.6032	0.7385	1.0000
η /(mPa s)	1.959	5.955	18.815	37.550	48.236	29.450	7.747	2.277	0.662
$T/^\circ\text{C} = 50.0$									29T1
x_1	0.0000	0.2366	0.4021	0.4673	0.5000	0.5346	0.6032	0.7385	1.0000
η /(mPa s)	1.124	2.830	6.280	9.920	11.977	8.399	3.234	1.313	0.526
1498	C₄H₅NS (1) C₁₀H₁₄N₂O (2)		3-isothiocyanato-prop-1-ene N,N-diethyl-nicotinamide						57-06-7 59-26-7
$T/^\circ\text{C} = 20.0$									59K1
x_2	0.000	0.101	0.200	0.299	0.329	0.401	0.478	0.499	0.588
η /(mPa s)	0.725	0.850	1.066	1.382	1.565	1.944	2.550	2.780	3.91

x_2	0.678	0.795	0.906	1.000
η /(mPa s)	5.56	9.24	15.29	36.30

1499 **C₄H₅NS (1)** **3-isothiocyanato-prop-1-ene** **57-06-7**
C₁₀H₁₅N (2) **N,N-diethyl-aniline** **91-66-7**

$T/^\circ\text{C} = 25.0$ 29T1

x_1	0.00	0.25	0.50	0.70	0.75	0.80	1.00
η /(mPa s)	1.528	1.248	1.007	0.857	0.822	0.785	0.671

1500 **C₄H₅NS (1)** **3-isothiocyanato-prop-1-ene** **57-06-7**
C₁₂H₁₁N (2) **diphenylamine** **122-39-4**

$T/^\circ\text{C} = 50.0$ 49O1

x_2	0.00	0.25	0.50	0.75
η /(mPa s)	0.540	0.810	1.319	3.101

$T/^\circ\text{C} = 75.0$ 49O1

x_2	0.00	0.25	0.50	0.75	1.00
η /(mPa s)	0.455	0.540	0.797	1.510	3.040

1501 **C₄H₆O₂ (1)** **dihydro-furan-2-one** **96-48-0**
C₄H₈O (2) **tetrahydro-furan** **109-99-9**

$T/\text{K} = 278.15$ 89R2

x_2	0.0000	0.1077	0.3124	0.7010	0.8954	1.0000
η /(mPa s)	2.546	2.070	1.494	0.827	0.639	0.564

$T/\text{K} = 283.15$ 89R2

x_2	0.0000	0.1077	0.3124	0.7010	0.8954	1.0000
η /(mPa s)	2.285	1.877	1.367	0.772	0.602	0.534

$T/\text{K} = 288.15$ 89R2

x_2	0.0000	0.1077	0.3124	0.7010	0.8954	1.0000
η /(mPa s)	2.072	1.717	1.261	0.724	0.569	0.506

$T/\text{K} = 293.15$ 89R2

x_2	0.0000	0.1077	0.3124	0.7010	0.8954	1.0000
η /(mPa s)	1.892	1.583	1.172	0.682	0.539	0.480

$T/\text{K} = 298.15$ 89R2

x_2	0.0000	0.1077	0.3124	0.7010	0.8954	1.0000
η /(mPa s)	1.738	1.462	1.089	0.641	0.510	0.454

1502 **C₄H₆O₂ (1)** **dihydro-furan-2-one** **96-48-0**
C₄H₁₀O (2) **butan-1-ol** **71-36-3**

$T/K = 303.15$										91R2
x_1	0.0000	0.1493	0.2539	0.3516	0.4919	0.5269	0.5865	0.7248	0.8843	0.8843
$\eta /(\text{mPa s})$	2.275	1.765	1.588	1.497	1.429	1.418	1.401	1.380	1.428	1.428
x_1	1.0000									
$\eta /(\text{mPa s})$	1.574									
1503	C₄H₆O₂ (1) C₄H₁₀O₂ (2)		dihydro-furan-2-one 1,1-dimethoxy-ethane							96-48-0 534-15-6
$T/^\circ\text{C} = 25.0$										85S1
w_1	0.0000	0.1260	0.2441	0.3552	0.5610	1.0000				
$\eta /(\text{mPa s})$	0.455	0.4860	0.5539	0.6513	0.8510	1.727				
$T/^\circ\text{C} = 25.0$										80W1
x_1	0.0000	0.0925	0.1978	0.2873	0.3933	0.5046	0.6019	0.7027	0.8005	
$\eta /(\text{mPa s})$	0.3760	0.4180	0.4798	0.5409	0.6281	0.7325	0.8543	1.0070	1.1930	
x_1	0.8903	1.0000								
$\eta /(\text{mPa s})$	1.4067	1.7356								
1504	C₄H₆O₂ (1) C₄H₁₀O₂ (2)		dihydro-furan-2-one 1,2-dimethoxy-ethane							96-48-0 110-71-4
$T/^\circ\text{C} = 25.0$										85W2
x_2	0.000	0.103	0.294	0.498	0.698	0.795	0.897	1.000		
$\eta /(\text{mPa s})$	1.736	1.440	1.050	0.790	0.615	0.549	0.485	0.433		
$T/^\circ\text{C} = 25.0$										80W1
x_1	0.0000	0.0549	0.2046	0.3086	0.4026	0.4990	0.5912	0.6679	0.7795	
$\eta /(\text{mPa s})$	0.4345	0.4627	0.5495	0.6185	0.6955	0.7897	0.8930	0.9976	1.1861	
x_1	0.8883	1.0000								
$\eta /(\text{mPa s})$	1.4156	1.7356								
1505	C₄H₆O₂ (1) C₄H₁₀O₂ (2)		dihydro-furan-2-one 2-ethoxy-ethanol							96-48-0 110-80-5
$T/K = 303.15$										90A3
x_2	0.0000	0.0345	0.0509	0.0767	0.1125	0.2033	0.3137	0.4404	0.5421	
$\eta /(\text{mPa s})$	1.765	1.722	1.708	1.687	1.658	1.603	1.561	1.544	1.538	
x_2	0.6504	0.7638	0.8807	0.9372	0.9693	1.0000				
$\eta /(\text{mPa s})$	1.535	1.501	1.541	1.538	1.553	1.629				
1506	C₄H₆O₂ (1)		but-2-yne-1,4-diol							110-65-6

	C₅H₉NO (2)		1-methyl-pyrrolidin-2-one						872-50-4
$T/^\circ\text{C} = 60.0$	66G1								
x_2	0.00	0.10	0.25	0.40	0.55	0.70	0.85	1.00	
$\eta /(\text{mPa s})$	1.03	1.30	1.81	2.48	3.27	4.17	5.19	6.28	
1507	C₄H₆O₂ (1) C₅H₁₂O (2)		dihydro-furan-2-one pentan-1-ol						96-48-0 71-41-0
$T/\text{K} = 303.15$	91R2								
x_1	0.0000	0.1479	0.2245	0.3091	0.4234	0.5234	0.6549	0.7727	0.9134
$\eta /(\text{mPa s})$	2.984	2.319	2.104	1.929	1.758	1.645	1.525	1.451	1.466
x_1	1.0000								
$\eta /(\text{mPa s})$	1.574								
1508	C₄H₆O₂ (1) C₆H₆ (2)		dihydro-furan-2-one benzene						96-48-0 71-43-2
$T/\text{K} = 298.15$	87A2								
x_2	0.00000	0.03252	0.10170	0.21065	0.32083	0.39877	0.51651	0.64218	
$\eta /(\text{mPa s})$	1.7339	1.6612	1.5343	1.3583	1.2079	1.1154	0.9920	0.8781	
x_2	0.72688	0.81629	0.90235	1.00000					
$\eta /(\text{mPa s})$	0.8109	0.7419	0.6806	0.6156					
1509	C₄H₆O₂ (1) C₆H₁₄O (2)		dihydro-furan-2-one hexan-1-ol						96-48-0 111-27-3
$T/\text{K} = 303.15$	91R2								
x_1	0.0000	0.1987	0.2337	0.3088	0.4439	0.5776	0.6831	0.7847	0.8845
$\eta /(\text{mPa s})$	3.873	2.669	2.170	2.310	2.032	1.849	1.738	1.647	1.585
x_1	1.0000								
$\eta /(\text{mPa s})$	1.574								
1510	C₄H₆O₂ (1) C₇H₈ (2)		dihydro-furan-2-one toluene						96-48-0 108-88-3
$T/\text{K} = 298.15$	87A2								
x_2	0.00000	0.02776	0.12077	0.21354	0.32265	0.39194	0.51854	0.60793	
$\eta /(\text{mPa s})$	1.7339	1.6650	1.4781	1.3202	1.1622	1.0750	0.9350	0.8500	
x_2	0.70682	0.80307	0.89138	1.00000					
$\eta /(\text{mPa s})$	0.7683	0.6968	0.6357	0.5663					
1511	C₄H₆O₂ (1)		dihydro-furan-2-one						96-48-0

	C₇H₁₆O (2)		heptan-1-ol						111-70-6	
<i>T</i> /K = 303.15										91R2
<i>x</i> ₁	0.0000	0.2359	0.2960	0.3733	0.5072	0.6192	0.7035	0.8591	0.9035	
<i>η</i> /(mPa s)	4.874	3.199	2.932	2.648	2.268	2.019	1.858	1.638	1.600	
<i>x</i> ₁	1.0000									
<i>η</i> /(mPa s)	1.574									
1512	C₄H₆O₂ (1)		prop-2-enoic acid methyl ester						96-33-3	
	C₇H₁₆O (2)		heptan-1-ol						111-70-6	
<i>T</i> /K = 298.15										97S2
<i>x</i> ₁	0.0000	0.0803	0.2190	0.2841	0.4009	0.5184	0.7017	0.7824	0.8604	
<i>η</i> /(mPa s)	5.770	4.278	2.912	2.304	1.632	1.218	0.783	0.653	0.563	
<i>x</i> ₁	0.9347	0.9686	1.0000							
<i>η</i> /(mPa s)	0.493	0.467	0.4492							
<i>T</i> /K = 308.15										97S2
<i>x</i> ₁	0.0000	0.0803	0.2190	0.2841	0.4009	0.5184	0.7017	0.7824	0.8604	
<i>η</i> /(mPa s)	4.263	3.262	2.282	1.857	1.348	1.032	0.677	0.568	0.490	
<i>x</i> ₁	0.9347	0.9686	1.0000							
<i>η</i> /(mPa s)	0.428	0.411	0.3909							
1513	C₄H₆O₂ (1)		dihydro-furan-2-one						96-48-0	
	C₈H₁₀ (2)		1,2-dimethyl-benzene						95-47-6	
<i>T</i> /K = 293.15										99M1
<i>x</i> ₁	0.0000	0.1199	0.1801	0.2998	0.4005	0.5044	0.5994	0.7011	0.7885	
<i>η</i> /(mPa s)	0.812	0.907	0.955	1.054	1.145	1.248	1.351	1.472	1.584	
<i>x</i> ₁	0.9087	1.0000								
<i>η</i> /(mPa s)	1.750	1.883								
<i>T</i> /K = 298.15										99M1
<i>x</i> ₁	0.0000	0.1199	0.1801	0.2998	0.4005	0.5044	0.5994	0.7011	0.7885	
<i>η</i> /(mPa s)	0.758	0.854	0.901	0.996	1.081	1.175	1.269	1.379	1.480	
<i>x</i> ₁	0.9087	1.0000								
<i>η</i> /(mPa s)	1.629	1.745								
<i>T</i> /K = 303.15										99M1
<i>x</i> ₁	0.0000	0.1199	0.1801	0.2998	0.4005	0.5044	0.5994	0.7011	0.7885	
<i>η</i> /(mPa s)	0.711	0.795	0.839	0.927	1.006	1.093	1.178	1.276	1.367	
<i>x</i> ₁	0.9087	1.0000								
<i>η</i> /(mPa s)	1.502	1.612								
<i>T</i> /K = 308.15										99M1

x_1	0.0000	0.1199	0.1801	0.2998	0.4005	0.5044	0.5994	0.7011	0.7885
η /(mPa s)	0.665	0.747	0.787	0.867	0.937	1.014	1.090	1.179	1.263
x_1	0.9087	1.0000							
η /(mPa s)	1.390	1.498							
$T/K = 298.15$									87A2
x_2	0.00000	0.02649	0.10815	0.22752	0.29822	0.40857	0.50984	0.61025	
η /(mPa s)	1.7339	1.6947	1.5897	1.4528	1.3799	1.2708	1.1714	1.0773	
x_2	0.71240	0.82123	0.93370	1.00000					
η /(mPa s)	0.9866	0.8965	0.8111	0.7648					
1514	C₄H₆O₂ (1)		dihydro-furan-2-one						96-48-0
	C₈H₁₀ (2)		1,3-dimethyl-benzene						108-38-3
$T/K = 293.15$									99M1
x_1	0.0000	0.1012	0.2140	0.3091	0.4022	0.5343	0.5955	0.7101	0.8371
η /(mPa s)	0.618	0.690	0.777	0.859	0.948	1.093	1.169	1.332	1.544
x_1	0.9027	1.0000							
η /(mPa s)	1.671	1.883							
$T/K = 298.15$									99M1
x_1	0.0000	0.1012	0.2140	0.3091	0.4022	0.5343	0.5955	0.7101	0.8371
η /(mPa s)	0.588	0.648	0.725	0.798	0.880	1.016	1.088	1.235	1.437
x_1	0.9027	1.0000							
η /(mPa s)	1.552	1.745							
$T/K = 303.15$									99M1
x_1	0.0000	0.1012	0.2140	0.3091	0.4022	0.5343	0.5955	0.7101	0.8371
η /(mPa s)	0.555	0.610	0.679	0.752	0.829	0.951	1.013	1.147	1.325
x_1	0.9027	1.0000							
η /(mPa s)	1.431	1.612							
$T/K = 308.15$									99M1
x_1	0.0000	0.1012	0.2140	0.3091	0.4022	0.5343	0.5955	0.7101	0.8371
η /(mPa s)	0.527	0.573	0.636	0.692	0.761	0.875	0.936	1.060	1.226
x_1	0.9027	1.0000							
η /(mPa s)	1.323	1.498							
$T/K = 298.15$									87A2
x_2	0.00000	0.02566	0.10307	0.21378	0.29716	0.41375	0.51497	0.62415	
η /(mPa s)	1.7339	1.6826	1.5377	1.3549	1.2337	1.0844	0.9713	0.8654	
x_2	0.72085	0.81829	0.93678	1.00000					
η /(mPa s)	0.7839	0.7109	0.6331	0.5960					

1515 **C₄H₆O₂ (1)** **dihydro-furan-2-one** **96-48-0**

	C₈H₁₀ (2)		1,4-dimethyl-benzene							106-42-3
<i>T/K</i> = 298.15										
<i>x</i> ₂	0.00000	0.02687	0.10786	0.22827	0.29241	0.40213	0.50266	0.61640		
<i>η</i> /(mPa s)	1.7339	1.6782	1.5150	1.3125	1.2224	1.0840	0.9736	0.8650	87A2	
<i>x</i> ₂	0.70763	0.80152	0.93332	1.00000						
<i>η</i> /(mPa s)	0.7900	0.7219	0.6405	0.6109						
1516	C₄H₆O₂ (1) C₈H₁₈O (2)		dihydro-furan-2-one octan-1-ol							96-48-0 111-87-5
<i>T/K</i> = 303.15										
<i>x</i> ₁	0.0000	0.1870	0.2922	0.3799	0.5007	0.5993	0.7707	0.8765	0.9284	
<i>η</i> /(mPa s)	6.108	4.230	3.577	3.169	2.730	2.431	1.976	1.743	1.654	
<i>x</i> ₁	1.0000									
<i>η</i> /(mPa s)	1.574								91R2	
1517	C₄H₆O₂ (1) C₈H₁₈O (2)		prop-2-enoic acid methyl ester octan-1-ol							96-33-3 111-87-5
<i>T/K</i> = 298.15										
<i>x</i> ₁	0.0000	0.0847	0.2398	0.3089	0.4269	0.5391	0.7233	0.8011	0.8748	
<i>η</i> /(mPa s)	7.363	5.555	3.533	2.795	1.948	1.353	0.857	0.692	0.566	
<i>x</i> ₁	0.9408	0.9689	1.0000							
<i>η</i> /(mPa s)	0.506	0.470	0.4492							
<i>T/K</i> = 308.15										
<i>x</i> ₁	0.0000	0.0847	0.2398	0.3089	0.4269	0.5391	0.7233	0.8011	0.8748	
<i>η</i> /(mPa s)	5.250	4.155	2.757	2.060	1.583	1.127	0.732	0.622	0.497	
<i>x</i> ₁	0.9408	0.9689	1.0000							
<i>η</i> /(mPa s)	0.433	0.415	0.3909						97S2	
1518	C₄H₆O₂ (1) C₁₀H₂₂O (2)		dihydro-furan-2-one decan-1-ol							96-48-0 112-30-1
<i>T/K</i> = 303.15										
<i>x</i> ₁	0.0000	0.1739	0.3603	0.4774	0.5661	0.6418	0.7584	0.9187	0.9582	
<i>η</i> /(mPa s)	8.812	6.103	4.640	3.868	3.378	3.004	2.483	1.850	1.714	
<i>x</i> ₁	1.0000									
<i>η</i> /(mPa s)	1.574								91R2	
1519	C₄H₆O₂ (1) C₁₀H₂₂O (2)		prop-2-enoic acid methyl ester decan-1-ol							96-33-3 112-30-1

<i>T</i> /K = 298.15										97S2
<i>x</i> ₁	0.0000	0.1056	0.2709	0.3442	0.4717	0.5843	0.7574	0.8309	0.8923	
<i>η</i> /(mPa s)	11.790	7.732	4.826	3.593	2.331	1.712	0.938	0.738	0.639	
<i>x</i> ₁	0.9483	0.9749	1.0000							
<i>η</i> /(mPa s)	0.519	0.482	0.4492							
<i>T</i> /K = 308.15										97S2
<i>x</i> ₁	0.0000	0.1056	0.2709	0.3442	0.4717	0.5843	0.7574	0.8309	0.8923	
<i>η</i> /(mPa s)	8.1241	5.659	3.531	2.828	1.792	1.425	0.804	0.641	0.540	
<i>x</i> ₁	0.9483	0.9749	1.0000							
<i>η</i> /(mPa s)	0.459	0.432	0.3909							
1520	C₄H₆O₂ (1) C₁₂H₂₆O (2)	prop-2-enoic acid methyl ester dodecan-1-ol							96-33-3 112-53-8	
<i>T</i> /K = 298.15										97S2
<i>x</i> ₁	0.0000	0.1127	0.3078	0.3842	0.5147	0.6206	0.7884	0.8506	0.9093	
<i>η</i> /(mPa s)	16.1355	11.572	5.722	4.400	2.703	1.891	0.992	0.785	0.629	
<i>x</i> ₁	0.9554	0.9794	1.0000							
<i>η</i> /(mPa s)	0.530	0.484	0.4492							
<i>T</i> /K = 308.15										97S2
<i>x</i> ₁	0.0000	0.1127	0.3078	0.3842	0.5147	0.6206	0.7884	0.8506	0.9093	
<i>η</i> /(mPa s)	11.3153	8.309	4.391	3.385	2.157	1.515	0.833	0.668	0.549	
<i>x</i> ₁	0.9554	0.9794	1.0000							
<i>η</i> /(mPa s)	0.473	0.438	0.3909							
1521	C₄H₆O₃ (1) C₄H₈O (2)	4-methyl-1,3-dioxolan-2-one tetrahydro-furan							108-32-7 109-99-9	
<i>T</i> /K = 298.15										96M3
<i>x</i> ₂	0.0000	0.0524	0.1036	0.1429	0.2064	0.2431	0.3083	0.3478	0.4095	
<i>η</i> /(mPa s)	2.4711	2.2270	2.0225	1.8695	1.6736	1.5666	1.3932	1.3034	1.1712	
<i>x</i> ₂	0.6094	0.6479	0.7082	0.7635	0.8062	0.8388	0.9035	0.9631	1.0000	
<i>η</i> /(mPa s)	0.8417	0.7836	0.7171	0.6549	0.6195	0.5831	0.5357	0.4850	0.4630	
<i>T</i> /K = 308.15										96M3
<i>x</i> ₂	0.0000	0.0524	0.1036	0.1429	0.2064	0.2431	0.3083	0.3478	0.4095	
<i>η</i> /(mPa s)	2.0476	1.8581	1.7090	1.5984	1.4321	1.3511	1.2080	1.1330	1.0247	
<i>x</i> ₂	0.5098	0.6094	0.6479	0.7082	0.7635	0.8388	0.9035	0.9631	1.0000	
<i>η</i> /(mPa s)	0.8753	0.7503	0.7016	0.6445	0.5960	0.5361	0.4872	0.4449	0.4277	
<i>T</i> /K = 318.15										96M3
<i>x</i> ₂	0.0000	0.0524	0.1036	0.1429	0.2064	0.2431	0.3083	0.3478	0.5098	
<i>η</i> /(mPa s)	1.7243	1.5894	1.4592	1.3731	1.2386	1.1672	1.0565	0.9920	0.7782	

x_2	0.5621	0.6094	0.6479	0.7082	0.8062	0.8388	0.9035	0.9631	1.0000
$\eta /(\text{mPa s})$	0.7222	0.6719	0.6343	0.5827	0.5098	0.4805	0.4425	0.4040	0.3902
1522	C₄H₆O₃ (1) C₄H₈O₂ (2)	acetic acid anhydride 1,4-dioxane							108-24-7 123-91-1
$T / ^\circ\text{C} = 25.0$									56K1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	1.181	1.027	0.946	0.891	0.860	0.842			
$T / ^\circ\text{C} = 40.0$									56K1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	0.919	0.826	0.763	0.728	0.708	0.693			
1523	C₄H₆O₃ (1) C₄H₈O₂ (2)	4-methyl-1,3-dioxolan-2-one 1,4-dioxane							108-32-7 123-91-1
$T / ^\circ\text{C} = 20.0$									92W2
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	2.572	2.451	2.212	1.992	1.842	1.752	1.651	1.465	1.382
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	1.331	1.262							
1524	C₄H₆O₃ (1) C₄H₁₀O₂ (2)	4-methyl-1,3-dioxolan-2-one 1,2-dimethoxy-ethane							108-32-7 110-71-4
$T / ^\circ\text{C} = -45.0$									95B2
x_1	0.00000	0.12048	0.26211	0.37794	0.48360	0.71851	1.00000		
$\eta /(\text{mPa s})$	1.212	1.619	2.32	3.21	4.44	9.76	34.0		
$T / ^\circ\text{C} = -35.0$									95B2
x_1	0.00000	0.12048	0.26211	0.37794	0.48360	0.71851	1.00000		
$\eta /(\text{mPa s})$	0.984	1.276	1.771	2.36	3.15	6.27	18.1		
$T / ^\circ\text{C} = -25.0$									95B2
x_1	0.00000	0.12048	0.26211	0.37794	0.48360	0.71851	1.00000		
$\eta /(\text{mPa s})$	0.819	1.041	1.404	1.825	2.36	4.37	11.0		
$T / ^\circ\text{C} = -15.0$									95B2
x_1	0.00000	0.12048	0.26211	0.37794	0.48360	0.71851	1.00000		
$\eta /(\text{mPa s})$	0.694	0.870	1.148	1.462	1.851	3.23	7.38		
$T / ^\circ\text{C} = -5.0$									95B2
x_1	0.00000	0.12048	0.26211	0.37794	0.48360	0.71851	1.00000		
$\eta /(\text{mPa s})$	0.598	0.740	0.963	1.204	1.496	2.50	5.28		
$T / ^\circ\text{C} = 5.0$									95B2

x_1	0.00000	0.12048	0.26211	0.37794	0.48360	0.71851	1.00000			
$\eta /(\text{mPa s})$	0.521	0.639	0.820	1.013	1.242	1.994	3.97			
$T / ^\circ\text{C} = 15.0$									95B2	
x_1	0.00000	0.12048	0.26211	0.37794	0.48360	0.71851	1.00000			
$\eta /(\text{mPa s})$	0.457	0.558	0.709	0.867	1.053	1.644	3.11			
$T / ^\circ\text{C} = 25.0$									95B2	
x_1	0.00000	0.12048	0.26211	0.37794	0.48360	0.71851	1.00000			
$\eta /(\text{mPa s})$	0.404	0.491	0.620	0.753	0.905	1.382	2.51			
$T/\text{K} = 298.15$									94M1	
x_2	0.0000	0.0493	0.0999	0.1524	0.1867	0.2298	0.3128	0.3708	0.4036	
$\eta /(\text{mPa s})$	2.4711	2.2270	1.9600	1.7518	1.6366	1.5075	1.2889	1.1617	1.0974	
x_2	0.5193	0.6382	0.6767	0.7589	0.8103	0.8432	0.9035	0.9481	1.0000	
$\eta /(\text{mPa s})$	0.8882	0.7272	0.6885	0.6047	0.5589	0.5429	0.4872	0.4564	0.4236	
$T/\text{K} = 308.15$									94M1	
x_2	0.0000	0.0493	0.0999	0.1524	0.1867	0.2298	0.2769	0.3708	0.4036	
$\eta /(\text{mPa s})$	2.0476	1.8332	1.6589	1.4955	1.4019	1.2966	1.1828	0.9973	0.9447	
x_2	0.5193	0.5704	0.6767	0.8103	0.8432	0.9035	0.9483	1.0000		
$\eta /(\text{mPa s})$	0.7779	0.7178	0.6105	0.5052	0.4728	0.4381	0.4073	0.3847		
$T/\text{K} = 318.15$									94M1	
x_2	0.0000	0.0493	0.0999	0.1524	0.2298	0.3128	0.3708	0.4036	0.5193	
$\eta /(\text{mPa s})$	1.7243	1.5614	1.4166	1.2766	1.1130	0.9676	0.8810	0.8272	0.6827	
x_2	0.5704	0.6382	0.6767	0.7589	0.8103	0.8432	0.9035	0.9483	1.0000	
$\eta /(\text{mPa s})$	0.6389	0.5728	0.5449	0.4782	0.4571	0.4376	0.3970	0.3750	0.3496	
$T / ^\circ\text{C} = 25.0$									85S1	
w_1	0.0000	0.1076	0.1588	0.2565	0.5780	1.0000				
$\eta /(\text{mPa s})$	0.455	0.5283	0.5567	0.6137	1.132	2.530				
1525	$\text{C}_4\text{H}_6\text{O}_3$ (1) $\text{C}_5\text{H}_{12}\text{O}$ (2)	4-methyl-1,3-dioxolan-2-one pentan-1-ol						108-32-7 71-41-0		
$T/\text{K} = 298.15$									97E1	
x_1	0.0000	0.0218	0.0861	0.1654	0.2433	0.3101	0.3740	0.4207	0.5003	
$\eta /(\text{mPa s})$	3.316	3.297	3.235	3.161	3.094	3.029	2.973	2.933	2.865	
x_1	0.5691	0.6326	0.7214	0.8072	0.8655	0.9573	1.0000			
$\eta /(\text{mPa s})$	2.808	2.756	2.685	2.618	2.574	2.505	2.474			
1526	$\text{C}_4\text{H}_6\text{O}_3$ (1) $\text{C}_6\text{H}_6\text{O}$ (2)	acetic acid anhydride phenol						108-24-7 108-95-2		
$T / ^\circ\text{C} = 25.0$									61F1	

x_2	0.0000	0.0899	0.1347	0.1492	0.2953	0.3588	0.4184	0.4673	0.4678
η /(mPa s)	0.831	0.922	0.980	1.014	1.267	1.412	1.559	1.706	1.707
x_2	0.5000	0.5169	0.5846	0.6414	0.7800	0.8878	<i>(immediately after mixing)</i>		
η /(mPa s)	1.839	1.890	2.069	2.668	3.958	5.906			
<i>T/ °C = 25.0</i>									
x_2	0.0000	0.0899	0.1347	0.1492	0.2953	0.3588	0.4184	0.4673	0.4678
η /(mPa s)	0.831	0.941	0.985	1.004	1.270	1.421	1.557	1.740	1.740
x_2	0.5000	0.5169	0.5846	0.6414	0.7800	0.8878	<i>(in chemical equilibrium)</i>		
η /(mPa s)	1.900	1.949	2.160	2.836	4.476	6.731			
<i>T/ °C = 50.0</i>									
x_2	0.0000	0.0899	0.1347	0.1492	0.2953	0.3588	0.4184	0.4673	0.4678
η /(mPa s)	0.611	0.666	0.706	0.733	0.896	0.951	1.050	1.100	1.100
x_2	0.5000	0.5169	0.5846	0.6414	0.7800	0.8878	1.0000	<i>(immediately after mixing)</i>	
η /(mPa s)	1.164	1.191	1.275	1.513	2.017	2.623	3.432		
<i>T/ °C = 50.0</i>									
x_2	0.0000	0.0899	0.1347	0.1492	0.2953	0.3588	0.4184	0.4673	0.4678
η /(mPa s)	0.611	0.681	0.707	0.721	0.866	0.950	1.032	1.116	1.116
x_2	0.5000	0.5169	0.5846	0.6414	0.7800	0.8878	1.000	<i>(in chemical equilibrium)</i>	
η /(mPa s)	1.181	1.216	1.315	1.612	2.205	2.731	3.432		

1527	C₄H₆O₃ (1) C₆H₁₂O₃ (2)	acetic acid anhydride 2,4,6-trimethyl-1,3,5-trioxane						108-24-7 123-63-7	
<i>T/ °C = 10.0</i>									
w_1	0.0000	0.0998	0.3001	0.5000	0.7004	0.9000	1.0000	11D1	
η /(mPa s)	1.527	1.506	1.442	1.329	1.218	1.121	1.058		
<i>T/ °C = 76.5</i>									
w_1	0.0000	0.0998	0.3001	0.5000	0.7004	0.9000	1.0000	11D1	
η /(mPa s)	0.478	0.482	0.487	0.483	0.474	0.471	0.462		
1528	C₄H₆O₃ (1) C₆H₁₄O (2)	4-methyl-1,3-dioxolan-2-one hexan-1-ol						108-32-7 111-27-3	
<i>T/K = 298.15</i>									
x_1	0.0000	0.0254	0.0901	0.1722	0.2303	0.3087	0.3846	0.4521	0.5332
η /(mPa s)	4.593	4.523	4.346	4.130	3.984	3.796	3.621	3.473	3.303
x_1	0.6124	0.7005	0.7883	0.8455	0.9112	0.9770	1.0000	97E1	
η /(mPa s)	3.145	2.978	2.821	2.722	2.614	2.509	2.474		

1529	C₄H₆O₃ (1)	C₆H₁₄O₃ (2)	4-methyl-1,3-dioxolan-2-one 1-methoxy-2-(2-methoxy-ethoxy)-ethane							108-32-7 111-96-6
<i>T</i> /K = 298.15										98P3
<i>x</i> ₂	0.0000	0.0210	0.0421	0.0759	0.0976	0.1779	0.2468	0.3441	0.3815	
<i>η</i> /(mPa s)	2.493	2.427	2.372	2.295	2.245	2.081	1.953	1.782	1.719	
<i>x</i> ₂	0.4148	0.4853	0.5455	0.6708	0.7643	0.8341	0.8725	0.9275	0.9513	
<i>η</i> /(mPa s)	1.669	1.573	1.488	1.324	1.223	1.148	1.107	1.060	1.035	
<i>x</i> ₂	0.9796	1.0000								
<i>η</i> /(mPa s)	1.005	0.990								
<i>T</i> /K = 308.15										98P3
<i>x</i> ₂	0.0000	0.0210	0.0421	0.0759	0.0976	0.1779	0.2468	0.3441	0.3815	
<i>η</i> /(mPa s)	2.041	2.000	1.940	1.870	1.835	1.693	1.595	1.458	1.412	
<i>x</i> ₂	0.4148	0.4853	0.5455	0.6708	0.7643	0.8341	0.8725	0.9275	0.9513	
<i>η</i> /(mPa s)	1.362	1.291	1.226	1.101	1.017	0.959	0.928	0.889	0.874	
<i>x</i> ₂	0.9796	1.0000								
<i>η</i> /(mPa s)	0.852	0.839								
<i>T</i> /K = 318.15										98P3
<i>x</i> ₂	0.0000	0.0210	0.0421	0.0759	0.0976	0.1779	0.2468	0.3441	0.3815	
<i>η</i> /(mPa s)	1.718	1.666	1.641	1.565	1.529	1.420	1.332	1.216	1.176	
<i>x</i> ₂	0.4148	0.4853	0.5455	0.6708	0.7643	0.8341	0.8725	0.9275	0.9513	
<i>η</i> /(mPa s)	1.145	1.083	1.038	0.938	0.877	0.829	0.804	0.774	0.758	
<i>x</i> ₂	0.9796	1.0000								
<i>η</i> /(mPa s)	0.739	0.728								
1530	C₄H₆O₃ (1)	C₇H₈ (2)	4-methyl-1,3-dioxolan-2-one toluene							108-32-7 108-88-3
<i>T</i> /°C = 25.0										98M2
<i>w</i> ₁	0.30	0.50	0.70	0.90	1.00					
<i>η</i> /(mPa s)	0.8139	1.0736	1.4044	2.0483	2.5009					
<i>T</i> /°C = 30.0										98M2
<i>w</i> ₁	0.30	0.50	0.70	0.90	1.00					
<i>η</i> /(mPa s)	0.7586	0.9983	1.3036	1.8687	2.2743					
<i>T</i> /°C = 35.0										98M2
<i>w</i> ₁	0.30	0.50	0.70	0.90	1.00					
<i>η</i> /(mPa s)	0.7171	0.9407	1.2025	1.7101	2.0797					
<i>T</i> /K = 288.15										92M2
<i>x</i> ₁	0.0000	0.0911	0.1841	0.2789	0.3757	0.4744	0.5752	0.6780	0.7831	

η /(mPa s)	0.6299	0.7278	0.8221	0.9350	1.0869	1.2335	1.4144	1.6801	2.0378
x_1	0.8904	1.0000							
η /(mPa s)	2.5070	3.0860							
T /K = 293.15									92M2
x_1	0.0000	0.0911	0.1841	0.2789	0.3757	0.4744	0.5752	0.6780	0.7831
η /(mPa s)	0.5925	0.6805	0.7726	0.8738	1.0058	1.1494	1.2917	1.5290	1.8560
x_1	0.8904	1.0000							
η /(mPa s)	2.2561	2.7635							
T /K = 298.15									92M2
x_1	0.0000	0.0911	0.1841	0.2789	0.3757	0.4744	0.5752	0.6780	0.7831
η /(mPa s)	0.5563	0.6333	0.7190	0.8139	0.9358	1.0736	1.1946	1.4044	1.6900
x_1	0.8904	1.0000							
η /(mPa s)	2.0483	2.5009							
T /K = 303.15									92M2
x_1	0.0000	0.0911	0.1841	0.2789	0.3757	0.4744	0.5752	0.6780	0.7831
η /(mPa s)	0.5272	0.5934	0.6689	0.7586	0.8694	0.9983	1.1026	1.3036	1.5491
x_1	0.8904	1.0000							
η /(mPa s)	1.8687	2.2743							
T /K = 308.15									92M2
x_1	0.0000	0.0911	0.1841	0.2789	0.3757	0.4744	0.5752	0.6780	0.7831
η /(mPa s)	0.4981	0.5572	0.6294	0.7176	0.8243	0.9407	1.0299	1.2025	1.4199
x_1	0.8904	1.0000							
η /(mPa s)	1.7101	2.0797							

1531 **C₄H₆O₃ (1)** **4-methyl-1,3-dioxolan-2-one** **108-32-7**
C₇H₁₆O (2) **heptan-1-ol** **111-70-6**

T /K = 298.15 97E1

x_1	0.0000	0.0321	0.1202	0.1934	0.2735	0.3226	0.4002	0.4717	0.5334
η /(mPa s)	4.860	4.755	4.481	4.281	4.035	3.909	3.709	3.534	3.390

x_1	0.6111	0.6990	0.7602	0.8226	0.8925	0.9674	1.0000		
η /(mPa s)	3.217	3.031	2.909	2.789	2.662	2.529	2.474		

1532 **C₄H₆O₃ (1)** **4-methyl-1,3-dioxolan-2-one** **108-32-7**
C₈H₁₈O (2) **octan-1-ol** **111-87-5**

T /K = 298.15 97E1

x_1	0.0000	0.0305	0.0991	0.1708	0.2441	0.3107	0.4055	0.4882	0.5632
η /(mPa s)	6.135	5.992	5.607	5.253	4.915	4.627	4.245	3.938	3.679

x_1	0.6277	0.7091	0.7824	0.8415	0.9046	0.9710	1.0000		
η /(mPa s)	3.469	3.222	3.015	2.857	2.698	2.540	2.474		

1533	C₄H₆O₃ (1)		4-methyl-1,3-dioxolan-2-one						108-32-7
	C₈H₁₈O₄ (2)		1,2-bis-(2-methoxy-ethoxy)-ethane						112-49-2
<i>T/K</i> = 298.15									98P1
<i>x</i> ₂	0.0000	0.0049	0.0113	0.0249	0.0352	0.0525	0.0833	0.1358	0.1928
<i>η</i> /(mPa s)	2.493	2.492	2.496	2.504	2.516	2.523	2.536	2.560	2.568
<i>x</i> ₂	0.2559	0.3083	0.3356	0.3930	0.4660	0.4902	0.5272	0.5728	0.6242
<i>η</i> /(mPa s)	2.561	2.543	2.539	2.494	2.444	2.428	2.402	2.361	2.308
<i>x</i> ₂	0.6786	0.7038	0.8165	0.8598	0.8959	0.9347	0.9640	1.0000	
<i>η</i> /(mPa s)	2.254	2.227	2.127	2.088	2.047	2.021	1.990	1.950	
1534	C₄H₆O₃ (1)		4-methyl-1,3-dioxolan-2-one						108-32-7
	C₁₀H₂₂O₅ (2)		1,11-dimethoxy-3,6,9-trioxa-undecane						143-24-8
<i>T/K</i> = 298.15									99P2
<i>x</i> ₂	0.0000	0.0021	0.0047	0.0111	0.0248	0.0362	0.0516	0.0765	0.1064
<i>η</i> /(mPa s)	2.493	2.505	2.510	2.543	2.604	2.663	2.716	2.814	2.935
<i>x</i> ₂	0.1537	0.1752	0.2194	0.2590	0.3006	0.3585	0.3967	0.4451	0.4956
<i>η</i> /(mPa s)	3.083	3.145	3.268	3.355	3.428	3.506	3.560	3.590	3.602
<i>x</i> ₂	0.5433	0.6081	0.6396	0.7173	0.7820	0.8311	0.8960	0.9403	1.0000
<i>η</i> /(mPa s)	3.607	3.609	3.615	3.588	3.559	3.541	3.498	3.466	3.394
1535	C₄H₆O₃ (1)		acetic acid anhydride						108-24-7
	C₁₂H₁₁N (2)		diphenylamine						122-39-4
<i>T/ °C</i> = 50.0									59U1
<i>x</i> ₂	0.0000	0.0301	0.1314	0.3500	0.4500	0.5500	0.6500	0.7500	0.8500
<i>η</i> /(mPa s)	0.633	0.709	0.853	3.044	5.827	11.471	11.599	10.085	8.141
<i>x</i> ₂	0.9500	1.0000							
<i>η</i> /(mPa s)	6.641	6.105							
<i>T/ °C</i> = 70.0									59U1
<i>x</i> ₂	0.0000	0.0301	0.1314	0.3500	0.4500	0.5500	0.6500	0.7500	0.8500
<i>η</i> /(mPa s)	0.529	0.569	0.683	1.994	3.390	5.369	5.368	4.806	4.134
<i>x</i> ₂	0.9500	1.0000							
<i>η</i> /(mPa s)	3.564	3.265							
<i>T/ °C</i> = 80.0									59U1
<i>x</i> ₂	0.0000	0.0301	0.1314	0.3500	0.4500	0.5500	0.6500	0.7500	0.8500
<i>η</i> /(mPa s)	0.477	0.521	0.632	1.654	2.629	4.045	4.015	3.641	3.206
<i>x</i> ₂	0.9500	1.0000							
<i>η</i> /(mPa s)	2.782	2.580							

1536	C₄H₇NO (1)		pyrrolidin-2-one						616-45-5
	C₄H₈O₂S (2)		tetrahydro-thiophene-1,1-dioxide						126-33-0
$T/^\circ\text{C} = 25.0$									87Z1
x_2	0.1128	0.2325	0.3200	0.4058	0.5076	0.6109	0.7259	0.8292	0.9113
$\nu/(\text{mm}^2/\text{s})$	4.73	4.47	4.26	4.23	4.28	4.27	4.29	4.41	4.52
x_2	1.0000								
$\nu/(\text{mm}^2/\text{s})$	4.68								
$T/^\circ\text{C} = 80.0$									87Z1
x_2	0.1128	0.2325	0.3200	0.4058	0.5076	0.6109	0.7259	0.8292	0.9113
$\nu/(\text{mm}^2/\text{s})$	2.50	2.37	2.31	2.34	2.41	2.43	2.47	2.53	2.57
x_2	1.0000								
$\nu/(\text{mm}^2/\text{s})$	2.73								
1537	C₄H₇NO (1)		pyrrolidin-2-one						616-45-5
	C₄H₁₀O (2)		butan-1-ol						71-36-3
$T/\text{K} = 298.15$									91G1
x_1	0.1017	0.1992	0.3030	0.3989	0.4919	0.5900	0.6941	0.7945	0.8986
$\eta^E/(\text{mPa s})$	-1.140	-2.069	-2.909	-3.545	-4.001	-4.334	-4.354	-3.914	-2.650
$T/\text{K} = 303.15$									91G1
x_1	0.1017	0.1992	0.3030	0.3989	0.4919	0.5900	0.6941	0.7945	0.8986
$\eta^E/(\text{mPa s})$	-0.915	-1.640	-2.297	-2.790	-3.130	-3.378	-3.368	-3.002	-2.014
$T/\text{K} = 313.15$									91G1
x_1	0.1017	0.1992	0.3030	0.3989	0.4919	0.5900	0.6941	0.7945	0.8986
$\eta^E/(\text{mPa s})$	-0.589	-1.062	-1.476	-1.784	-1.972	-2.124	-2.094	-1.822	-1.210
$T/\text{K} = 323.15$									91G1
x_1	0.1017	0.1992	0.3030	0.3989	0.4919	0.5900	0.6941	0.7945	0.8986
$\eta^E/(\text{mPa s})$	-0.398	-0.716	-0.995	-1.196	-1.303	-1.403	-1.371	-1.188	-0.759
$T/\text{K} = 333.15$									91G1
x_1	0.1017	0.1992	0.3030	0.3989	0.4919	0.5900	0.6941	0.7945	0.8986
$\eta^E/(\text{mPa s})$	-0.279	-0.503	-0.699	-0.838	-0.896	-0.975	-0.945	-0.810	-0.516
1538	C₄H₇NO (1)		pyrrolidin-2-one						616-45-5
	C₄H₁₀O₃ (2)		2-(2-hydroxy-ethoxy)-ethanol						111-46-6
$T/^\circ\text{C} = 25.0$									87Z1
x_2	0.0840	0.1669	0.2672	0.3550	0.4414	0.5510	0.6567	0.7728	0.9123
$\nu/(\text{mm}^2/\text{s})$	13.39	14.53	15.78	17.03	17.86	19.02	20.30	22.17	24.65
x_2	1.0000								
$\nu/(\text{mm}^2/\text{s})$	26.09								

$T/^\circ\text{C} = 80.0$										87Z1
x_2	0.0840	0.1669	0.2672	0.3550	0.4414	0.5510	0.6567	0.7728	0.9123	
$\nu/(\text{mm}^2/\text{s})$	2.80	2.97	3.07	3.26	3.36	3.44	3.56	3.81	3.89	
x_2	1.0000									
$\nu/(\text{mm}^2/\text{s})$	4.02									
1539	C₄H₇NO (1)		pyrrolidin-2-one							616-45-5
	C₅H₉NO (2)		1-methyl-pyrrolidin-2-one							872-50-4
$T/^\circ\text{C} = 25.0$										87Z1
x_2	0.0941	0.1722	0.2573	0.3725	0.4629	0.5709	0.6504	0.7266	0.7818	
$\nu/(\text{mm}^2/\text{s})$	9.41	7.76	6.33	4.89	4.06	3.25	2.84	2.57	2.35	
x_2	0.8995	1.0000								
$\nu/(\text{mm}^2/\text{s})$	1.96	1.81								
$T/^\circ\text{C} = 50.0$										87Z1
x_2	0.0941	0.1722	0.2573	0.3725	0.4629	0.5709	0.6504	0.7266	0.7818	
$\nu/(\text{mm}^2/\text{s})$	5.35	3.64	3.42	2.54	2.46	1.90	1.74	1.53	1.46	
x_2	0.8995	1.0000								
$\nu/(\text{mm}^2/\text{s})$	1.30	1.28								
$T/^\circ\text{C} = 80.0$										87Z1
x_2	0.0941	0.1722	0.2573	0.3725	0.4629	0.5709	0.6504	0.7266	0.7818	
$\nu/(\text{mm}^2/\text{s})$	2.17	2.16	1.87	1.76	1.44	1.33	1.20	1.11	1.07	
x_2	0.8995	1.0000								
$\nu/(\text{mm}^2/\text{s})$	0.99	0.92								
1540	C₄H₇NO (1)		pyrrolidin-2-one							616-45-5
	C₅H₉NO₂ (2)		4-formyl-morpholine							4394-85-8
$T/^\circ\text{C} = 25.0$										87Z1
x_2	0.0381	0.0771	0.1252	0.2026	0.2852	0.3513	0.4295	0.5770	0.6684	
$\nu/(\text{mm}^2/\text{s})$	11.39	11.13	10.67	9.80	9.31	8.54	8.54	7.87	7.66	
x_2	0.8025	1.0000								
$\nu/(\text{mm}^2/\text{s})$	7.32	6.86								
$T/^\circ\text{C} = 50.0$										87Z1
x_2	0.0381	0.0771	0.1252	0.2026	0.2852	0.3513	0.4295	0.5770	0.6684	
$\nu/(\text{mm}^2/\text{s})$	5.06	4.94	4.78	4.60	4.37	4.30	4.16	3.92	3.86	
x_2	0.8025	1.0000								
$\nu/(\text{mm}^2/\text{s})$	3.73	3.62								
$T/^\circ\text{C} = 80.0$										87Z1
x_2	0.0381	0.0771	0.1252	0.2026	0.2852	0.3513	0.4295	0.5770	0.6684	
$\nu/(\text{mm}^2/\text{s})$	2.54	2.51	2.48	2.42	2.37	2.31	2.26	2.20	2.16	

x_2 0.8025 1.0000
 $\nu/(\text{mm}^2/\text{s})$ 2.12 2.08

1541 **C₄H₇NO (1)** **pyrrolidin-2-one** **616-45-5**
C₅H₁₁NO (2) **4-methyl-morpholine** **109-02-4**

$T/^\circ\text{C} = 25.0$ 87Z1

x_2 0.0989 0.1762 0.2620 0.3578 0.4405 0.5331 0.6086 0.7007 0.7768
 $\nu/(\text{mm}^2/\text{s})$ 8.07 6.11 4.71 3.58 2.85 2.30 1.94 1.64 1.41

x_2 0.8773 1.0000
 $\nu/(\text{mm}^2/\text{s})$ 1.19 1.05

$T/^\circ\text{C} = 50.0$ 87Z1

x_2 0.0989 0.1762 0.2620 0.3578 0.4405 0.5331 0.6086 0.7007 0.7768
 $\nu/(\text{mm}^2/\text{s})$ 3.85 3.20 2.63 2.12 1.77 1.50 1.32 1.11 0.98

x_2 0.8773 1.0000
 $\nu/(\text{mm}^2/\text{s})$ 0.84 0.75

1542 **C₄H₇NO (1)** **pyrrolidin-2-one** **616-45-5**
C₅H₁₂O (2) **pentan-1-ol** **71-41-0**

$T/\text{K} = 298.15$ 91G1

x_1 0.1175 0.2056 0.3026 0.3975 0.4934 0.5914 0.6925 0.8010 0.9248
 $\eta^E/(\text{mPa s})$ -1.354 -2.156 -2.888 -3.474 -3.926 -4.195 -4.196 -3.734 -2.092

$T/\text{K} = 303.15$ 91G1

x_1 0.1175 0.2056 0.3026 0.3975 0.4934 0.5914 0.6925 0.8010 0.9248
 $\eta^E/(\text{mPa s})$ -1.073 -1.704 -2.280 -2.730 -3.075 -3.270 -3.240 -2.872 -1.590

$T/\text{K} = 313.15$ 91G1

x_1 0.1175 0.2056 0.3026 0.3975 0.4934 0.5914 0.6925 0.8010 0.9248
 $\eta^E/(\text{mPa s})$ -0.691 -1.099 -1.463 -1.743 -1.952 -2.059 -2.023 -1.765 -0.956

$T/\text{K} = 323.15$ 91G1

x_1 0.1175 0.2056 0.3026 0.3975 0.4934 0.5914 0.6925 0.8010 0.9248
 $\eta^E/(\text{mPa s})$ -0.465 -0.734 -0.980 -1.165 -1.300 -1.363 -1.331 -1.150 -0.617

$T/\text{K} = 333.15$ 91G1

x_1 0.1175 0.2056 0.3026 0.3975 0.4934 0.5914 0.6925 0.8010 0.9248
 $\eta^E/(\text{mPa s})$ -0.319 -0.512 -0.684 -0.813 -0.906 -0.949 -0.920 -0.791 -0.418

1543 **C₄H₇NO (1)** **pyrrolidin-2-one** **616-45-5**
C₆H₁₄O (2) **hexan-1-ol** **111-27-3**

$T/\text{K} = 298.15$ 96H3

x_1 0.08544 0.16343 0.19414 0.28313 0.34623 0.55908 0.58553 0.66543 0.7228

$\eta^E/(\text{mPa s})$	-1.08	-1.80	-2.04	-2.70	-3.10	-3.87	-3.89	-3.89	-3.76
x_1	0.75912	0.81799	0.84941	0.88367					
$\eta^E/(\text{mPa s})$	-3.61	-3.23	-2.92	-2.56					
$T/\text{K} = 303.15$									96H3
x_1	0.13068	0.18398	0.20620	0.26406	0.32227	0.38658	0.43486	0.50545	0.5745
$\eta^E/(\text{mPa s})$	-1.13	-1.50	-1.69	-2.03	-2.35	-2.63	-2.80	-3.00	-3.06
x_1	0.62715	0.67997	0.75471	0.79422	0.83251	0.88385			
$\eta^E/(\text{mPa s})$	-3.10	-3.05	-2.85	-2.69	-2.41	-1.92			
$T/\text{K} = 308.15$									96H3
x_1	0.13757	0.17585	0.20187	0.27290	0.32137	0.41420	0.43748	0.48557	0.5440
$\eta^E/(\text{mPa s})$	-1.05	-1.26	-1.38	-1.68	-1.91	-2.17	-2.25	-2.32	-2.45
x_1	0.59372	0.69895	0.83866	0.94825					
$\eta^E/(\text{mPa s})$	-2.46	-2.33	-1.78	-0.73					
$T/\text{K} = 313.15$									96H3
x_1	0.04852	0.14864	0.17052	0.21378	0.35643	0.39605	0.50778	0.54102	0.6300
$\eta^E/(\text{mPa s})$	-0.31	-0.85	-0.94	-1.12	-1.60	-1.69	-1.88	-1.93	-1.94
x_1	0.68649	0.75950	0.78693	0.93423					
$\eta^E/(\text{mPa s})$	-1.92	-1.81	-1.72	-0.78					
$T/\text{K} = 318.15$									96H3
x_1	0.02696	0.05967	0.08792	0.17012	0.26353	0.34295	0.45016	0.49558	0.5482
$\eta^E/(\text{mPa s})$	-0.13	-0.28	-0.41	-0.75	-1.07	-1.29	-1.47	-1.54	-1.55
x_1	0.59349	0.64165	0.67337	0.71493	0.76863	0.90754			
$\eta^E/(\text{mPa s})$	-1.59	-1.57	-1.56	-1.50	-1.40	-0.84			
1544	C₄H₇NO (1)	C₇H₁₆O (2)	pyrrolidin-2-one	heptan-1-ol					616-45-5 111-70-6
$T/\text{K} = 298.15$									96H3
x_1	0.05893	0.08436	0.15077	0.15982	0.34965	0.37243	0.47161	0.54047	0.5644
$\eta^E/(\text{mPa s})$	-0.80	-1.08	-1.66	-1.76	-2.96	-3.09	-3.43	-3.56	-3.58
x_1	0.70082	0.85900	0.93805	0.95986					
$\eta^E/(\text{mPa s})$	-3.49	-2.54	-1.55	-1.11					
$T/\text{K} = 303.15$									96H3
x_1	0.07526	0.10169	0.19952	0.23073	0.31731	0.42043	0.53522	0.61411	0.6601
$\eta^E/(\text{mPa s})$	-0.79	-1.02	-1.70	-1.86	-2.25	-2.60	-2.81	-2.85	-2.84
x_1	0.70394	0.75163	0.79311	0.84865	0.89122	0.93612	0.97304		
$\eta^E/(\text{mPa s})$	-2.78	-2.65	-2.48	-2.11	-1.73	-1.11	-0.54		
$T/\text{K} = 308.15$									96H3
x_1	0.02786	0.07762	0.20970	0.22314	0.30681	0.45835	0.62288	0.65650	0.7059
$\eta^E/(\text{mPa s})$	-0.27	-0.65	-1.37	-1.44	-1.75	-2.17	-2.21	-2.17	-2.12

x_1	0.76057	0.76788	0.85616	0.97066						
$\eta^E/(\text{mPa s})$	-1.97	-1.95	-1.54	-0.44						
$T/\text{K} = 313.15$										96H3
x_1	0.02974	0.10323	0.22201	0.28303	0.36877	0.38202	0.47385	0.58471	0.6284	
$\eta^E/(\text{mPa s})$	-0.21	-0.66	-1.17	-1.35	-1.54	-1.59	-1.72	-1.82	-1.84	
x_1	0.66421	0.70314	0.80225	0.85316	0.88240					
$\eta^E/(\text{mPa s})$	-1.81	-1.78	-1.50	-1.27	-1.09					
$T/\text{K} = 318.15$										96H3
x_1	0.07519	0.10455	0.18687	0.24447	0.29864	0.36397	0.45236	0.52227	0.5736	
$\eta^E/(\text{mPa s})$	-0.40	-0.50	-0.82	-0.99	-1.13	-1.27	-1.39	-1.47	-1.50	
x_1	0.66909	0.70379	0.75171	0.82175	0.84172	0.91148				
$\eta^E/(\text{mPa s})$	-1.47	-1.46	-1.39	-1.19	-1.11	-0.80				
1545	C₄H₇NO (1)		pyrrolidin-2-one							616-45-5
	C₈H₁₈O (2)		octan-1-ol							111-87-5
$T/\text{K} = 298.15$										96H3
x_1	0.13171	0.20387	0.23735	0.32187	0.37578	0.45779	0.55802	0.58900	0.6627	
$\eta^E/(\text{mPa s})$	-1.46	-2.03	-2.29	-2.70	-2.94	-3.23	-3.40	-3.44	-3.37	
x_1	0.68597	0.76567	0.88294	0.94297						
$\eta^E/(\text{mPa s})$	-3.31	-3.11	-2.41	-1.56						
$T/\text{K} = 303.15$										96H3
x_1	0.03063	0.06421	0.14984	0.27314	0.31305	0.40909	0.43294	0.51843	0.6056	
$\eta^E/(\text{mPa s})$	-0.36	-0.70	-1.36	-2.01	-2.16	-2.45	-2.49	-2.65	-2.69	
x_1	0.69561	0.77753	0.82588	0.94745	0.97419					
$\eta^E/(\text{mPa s})$	-2.56	-2.33	-2.04	-0.93	-0.48					
$T/\text{K} = 308.15$										96H3
x_1	0.02869	0.12122	0.17866	0.20978	0.34575	0.49976	0.56205	0.60188	0.6907	
$\eta^E/(\text{mPa s})$	-0.25	-0.87	-1.19	-1.30	-1.75	-1.99	-2.04	-2.03	-1.94	
x_1	0.73419	0.79916	0.85935	0.98269						
$\eta^E/(\text{mPa s})$	-1.87	-1.66	-1.34	-0.19						
$T/\text{K} = 313.15$										96H3
x_1	0.07339	0.10002	0.11912	0.22261	0.32794	0.36883	0.44088	0.56178	0.6032	
$\eta^E/(\text{mPa s})$	-0.44	-0.60	-0.69	-1.12	-1.41	-1.46	-1.55	-1.62	-1.61	
x_1	0.73311	0.75722	0.80928	0.85757	0.89543					
$\eta^E/(\text{mPa s})$	-1.51	-1.46	-1.31	-1.14	-0.91					
$T/\text{K} = 318.15$										96H3
x_1	0.08871	0.11430	0.14660	0.20116	0.29709	0.36712	0.44396	0.49841	0.5112	
$\eta^E/(\text{mPa s})$	-0.47	-0.57	-0.69	-0.85	-1.09	-1.20	-1.33	-1.36	-1.38	
x_1	0.56222	0.59952	0.64390	0.76907	0.81318	0.85829				
$\eta^E/(\text{mPa s})$	-1.38	-1.42	-1.38	-1.22	-1.11	-0.97				

1546	C₄H₇NO (1)	C₉H₂₀O (2)	pyrrolidin-2-one nonan-1-ol					616-45-5 143-08-8		
<i>T</i> /K = 298.15										96H3
<i>x</i> ₁	0.05937	0.12064	0.16684	0.28152	0.34926	0.49031	0.55561	0.58624	0.6150	
η^E /(mPa s)	-0.82	-1.48	-1.81	-2.52	-2.73	-3.03	-3.05	-3.06	-3.04	
<i>x</i> ₁	0.67522	0.72109	0.78306	0.87835	0.93181					
η^E /(mPa s)	-2.92	-2.78	-2.53	-1.95	-1.35					
<i>T</i> /K = 303.15										96H3
<i>x</i> ₁	0.07345	0.20211	0.22872	0.27824	0.30834	0.42140	0.48105	0.57208	0.6112	
η^E /(mPa s)	-0.79	-1.54	-1.67	-1.85	-1.97	-2.22	-2.26	-2.30	-2.24	
<i>x</i> ₁	0.66811	0.71853	0.78368	0.90287	0.98505					
η^E /(mPa s)	-2.18	-2.09	-1.89	-1.26	-0.26					
<i>T</i> /K = 308.15										96H3
<i>x</i> ₁	0.07822	0.12232	0.17072	0.22429	0.26349	0.30359	0.34262	0.41081	0.4652	
η^E /(mPa s)	-0.58	-0.82	-1.12	-1.33	-1.43	-1.54	-1.65	-1.72	-1.82	
<i>x</i> ₁	0.53693	0.55190	0.67303	0.70297	0.76772	0.82297	0.87460	0.90668		
η^E /(mPa s)	-1.84	-1.82	-1.73	-1.72	-1.56	-1.41	-1.12	-0.93		
<i>T</i> /K = 313.15										96H3
<i>x</i> ₁	0.08125	0.12359	0.18653	0.28443	0.32946	0.35136	0.39661	0.46380	0.5389	
η^E /(mPa s)	-0.43	-0.64	-0.87	-1.13	-1.25	-1.27	-1.34	-1.42	-1.44	
<i>x</i> ₁	0.57894	0.61406	0.65973	0.71025	0.75315	0.81789	0.88352	0.93290		
η^E /(mPa s)	-1.44	-1.41	-1.41	-1.32	-1.26	-1.10	-0.85	-0.58		
<i>T</i> /K = 318.15										96H3
<i>x</i> ₁	0.04237	0.15733	0.19675	0.24143	0.28467	0.34163	0.42132	0.51419	0.5776	
η^E /(mPa s)	-0.26	-0.71	-0.82	-0.93	-0.99	-1.09	-1.14	-1.22	-1.21	
<i>x</i> ₁	0.62616	0.66784	0.71618	0.75084	0.81080	0.84833	0.90413			
η^E /(mPa s)	-1.22	-1.18	-1.15	-1.08	-0.98	-0.88	-0.65			
1547	C₄H₇NO (1)	C₁₀H₂₂O (2)	pyrrolidin-2-one decan-1-ol					616-45-5 112-30-1		
<i>T</i> /K = 298.15										96H3
<i>x</i> ₁	0.07924	0.12079	0.22563	0.28196	0.37001	0.37137	0.45042	0.55918	0.5976	
η^E /(mPa s)	-1.03	-1.39	-2.10	-2.34	-2.61	-2.59	-2.70	-2.68	-2.67	
<i>x</i> ₁	0.61060	0.64500	0.71821	0.80278	0.91326					
η^E /(mPa s)	-2.64	-2.56	-2.45	-2.08	-1.26					
<i>T</i> /K = 303.15										96H3
<i>x</i> ₁	0.09555	0.12386	0.18048	0.21673	0.30050	0.35308	0.50720	0.55766	0.6568	
η^E /(mPa s)	-0.92	-1.11	-1.44	-1.63	-1.90	-2.01	-2.12	-2.09	-1.95	

x_1	0.68955	0.77258	0.80555	0.88713	0.94379				
$\eta^E/(\text{mPa s})$	-1.85	-1.63	-1.49	-1.11	-0.68				
$T/\text{K} = 308.15$									96H3
x_1	0.09346	0.14400	0.21359	0.28199	0.30457	0.35684	0.41296	0.49983	0.6026
$\eta^E/(\text{mPa s})$	-0.53	-0.78	-1.04	-1.27	-1.32	-1.47	-1.55	-1.56	-1.52
x_1	0.65341	0.69672	0.77008	0.80799	0.90658				
$\eta^E/(\text{mPa s})$	-1.46	-1.41	-1.26	-1.15	-0.78				
$T/\text{K} = 313.15$									96H3
x_1	0.06363	0.12035	0.20580	0.23375	0.30867	0.39942	0.42881	0.48855	0.6009
$\eta^E/(\text{mPa s})$	-0.34	-0.59	-0.90	-0.99	-1.18	-1.27	-1.27	-1.28	-1.22
x_1	0.65179	0.68353	0.85715	0.91619	0.95748	0.98099			
$\eta^E/(\text{mPa s})$	-1.17	-1.14	-0.80	-0.52	-0.32	-0.14			
$T/\text{K} = 318.15$									96H3
x_1	0.08341	0.17904	0.20685	0.27814	0.34153	0.36204	0.48332	0.55389	0.6074
$\eta^E/(\text{mPa s})$	-0.42	-0.72	-0.81	-0.88	-0.95	-1.02	-1.10	-1.09	-1.09
x_1	0.63736	0.86590	0.91304						
$\eta^E/(\text{mPa s})$	-1.08	-0.70	-0.55						

1548 **C₄H₈Cl₂ (1)** **1,4-dichloro-butane** **110-56-5**
C₄H₁₀O (2) **butan-1-ol** **71-36-3**

$T/^\circ\text{C} = 25.0$									96L1
x_1	0.0000	0.0988	0.1965	0.2919	0.3955	0.4961	0.5987	0.6964	0.7945
$\eta/(\text{mPa s})$	2.5562	2.1294	1.8268	1.6102	1.4550	1.3375	1.2655	1.2214	1.2038
x_1	0.8982	1.0000							
$\eta/(\text{mPa s})$	1.2128	1.2989							
$T/^\circ\text{C} = 40.0$									96L1
x_1	0.0000	0.0988	0.1965	0.2919	0.3955	0.4961	0.5987	0.6964	0.7945
$\eta/(\text{mPa s})$	1.7552	1.4849	1.3003	1.1699	1.0774	1.0121	0.9721	0.9502	0.9443
x_1	0.8982	1.0000							
$\eta/(\text{mPa s})$	0.9674	1.0380							

1549 **C₄H₈Cl₂ (1)** **1,4-dichloro-butane** **110-56-5**
C₄H₁₀O (2) **butan-2-ol** **78-92-2**

$T/^\circ\text{C} = 25.0$									96L1
x_1	0.0000	0.1012	0.2021	0.2996	0.4004	0.4967	0.5999	0.7024	0.7987
$\eta/(\text{mPa s})$	3.0596	2.1181	1.6334	1.4082	1.2806	1.1986	1.1582	1.1435	1.1507
x_1	0.8990	1.0000							
$\eta/(\text{mPa s})$	1.1994	1.2989							
$T/^\circ\text{C} = 40.0$									96L1

x_1	0.0000	0.1012	0.2021	0.2996	0.4004	0.4967	0.5999	0.7024	0.7987
$\eta /(\text{mPa s})$	1.7854	1.3690	1.1232	0.9913	0.9298	0.8882	0.8716	0.8721	0.8932
x_1	0.8990	1.0000							
$\eta /(\text{mPa s})$	0.9458	1.0380							

1550 **C₄H₈Cl₂ (1)** **1,4-dichloro-butane** **110-56-5**
C₄H₁₀O (2) **2-methyl-propan-1-ol** **78-83-1**

$T / ^\circ\text{C} = 25.0$ 96L1

x_1	0.0000	0.0994	0.1958	0.2938	0.4026	0.5000	0.6041	0.7031	0.8010
$\eta /(\text{mPa s})$	3.3603	2.5239	2.0269	1.7147	1.5009	1.3713	1.2855	1.2358	1.2084

x_1	0.8984	1.0000							
$\eta /(\text{mPa s})$	1.2151	1.2989							

$T / ^\circ\text{C} = 40.0$ 96L1

x_1	0.0000	0.0994	0.1958	0.2938	0.4026	0.5000	0.6041	0.7031	0.8010
$\eta /(\text{mPa s})$	2.0925	1.6482	1.3809	1.2070	1.0970	1.0201	0.9770	0.9567	0.9491

x_1	0.8984	1.0000							
$\eta /(\text{mPa s})$	0.9661	1.0380							

1551 **C₄H₈Cl₂ (1)** **1,4-dichloro-butane** **110-56-5**
C₄H₁₀O (2) **2-methyl-propan-2-ol** **75-65-0**

$T / ^\circ\text{C} = 25.0$ 96L1

x_1	0.0000	0.1005	0.2009	0.2964	0.4350	0.5026	0.6020	0.7061	0.8038
$\eta /(\text{mPa s})$	4.4126	2.6176	1.8255	1.4821	1.3153	1.2566	1.2018	1.1802	1.1824

x_1	0.9014	1.0000							
$\eta /(\text{mPa s})$	1.2084	1.2989							

$T / ^\circ\text{C} = 40.0$ 96L1

x_1	0.0000	0.1005	0.2009	0.2964	0.4350	0.5026	0.6020	0.7061	0.8038
$\eta /(\text{mPa s})$	2.0885	1.4955	1.1802	1.0352	0.9459	0.9313	0.9139	0.9160	0.9291

x_1	0.9014	1.0000							
$\eta /(\text{mPa s})$	0.9613	1.0380							

1552 **C₄H₈Cl₂ (1)** **1,4-dichloro-butane** **110-56-5**
C₆H₅NO₂ (2) **nitrobenzene** **98-95-3**

$T / \text{K} = 298.15$ 91J1

x_2	0.0000	0.1062	0.1999	0.2986	0.3947	0.4915	0.5898	0.6947	0.7960
$\eta /(\text{mPa s})$	1.2692	1.3537	1.3896	1.4267	1.4715	1.5219	1.5671	1.6264	1.6928

x_2	0.8963	1.0000							
$\eta /(\text{mPa s})$	1.7606	1.7916							

<i>T</i> /K = 303.15										91J1
x_2	0.0000	0.1062	0.1999	0.2986	0.3947	0.4915	0.5898	0.6947	0.7960	
η /(mPa s)	1.1761	1.2505	1.2862	1.3176	1.3569	1.4021	1.4442	1.4974	1.5576	
x_2	0.8963	1.0000								
η /(mPa s)	1.6165	1.6400								
<i>T</i> /K = 308.15										91J1
x_2	0.0000	0.1062	0.1999	0.2986	0.3947	0.4915	0.5898	0.6947	0.7960	
η /(mPa s)	1.0890	1.1585	1.1899	1.2181	1.2525	1.2945	1.3305	1.3784	1.4312	
x_2	0.8963	1.0000								
η /(mPa s)	1.4850	1.5054								
<i>T</i> /K = 313.15										91J1
x_2	0.0000	0.1062	0.1999	0.2986	0.3947	0.4915	0.5898	0.6947	0.7960	
η /(mPa s)	1.0092	1.0731	1.1012	1.1268	1.1583	1.1951	1.2298	1.2724	1.3183	
x_2	0.8963	1.0000								
η /(mPa s)	1.3659	1.3831								
1553	C₄H₈O (1) C₄H₈O₂ (2)		butan-2-one acetic acid ethyl ester							78-93-3 141-78-6
<i>T</i> /K = 298.15										95P2
x_1	0.0000	0.1389	0.2272	0.3167	0.3977	0.4882	0.5812	0.6875	0.7766	
ν /(mm ² /s)	0.4714	0.4703	0.4696	0.4673	0.4667	0.4662	0.4657	0.4654	0.4654	
x_1	0.8850	1.0000								
ν /(mm ² /s)	0.4654	0.4676								
1554	C₄H₈O (1) C₄H₈O₂ (2)		tetrahydro-furan acetic acid ethyl ester							109-99-9 141-78-6
<i>T</i> /K = 303.15										88O2
x_2	0.0000	0.0431	0.0837	0.1280	0.1718	0.2625	0.3504	0.4097	0.4521	
η /(mPa s)	0.449	0.443	0.437	0.434	0.431	0.425	0.421	0.418	0.416	
x_2	0.6544	0.7669	0.8229	0.8817	0.9396	1.0000				
η /(mPa s)	0.410	0.408	0.407	0.407	0.406	0.403				
<i>T</i> /K = 313.15										88O2
x_2	0.0000	0.2044	0.4059	0.5072	0.6002	0.7996	1.0000			
η /(mPa s)	0.399	0.384	0.375	0.373	0.370	0.369	0.369			
<i>T</i> /K = 313.15										88R5
x_2	0.0000	0.1718	0.2044	0.4059	0.5072	0.6002	0.7996	0.9583	1.0000	
η /(mPa s)	0.399	0.387	0.386	0.376	0.372	0.370	0.369	0.368	0.369	
<i>T</i> /K = 313.15										88R5

x_2	0.0000	0.1718	0.2044	0.4059	0.5072	0.6002	0.7996	0.9583	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.460	0.447	0.442	0.431	0.428	0.424	0.422	0.421	0.421
1555	C₄H₈O (1) C₄H₈O₂ (2)		butan-2-one butanoic acid						78-93-3 107-92-6
$T/^\circ\text{C} = 20.0$									94W1
x_1	0.0000	0.1024	0.2043	0.3057	0.4065	0.5067	0.6064	0.7056	0.8043
$\eta /(\text{mPa s})$	1.5402	1.3827	1.2359	1.0996	0.9737	0.8582	0.7526	0.6569	0.5710
x_1	0.9024	1.0000							
$\eta /(\text{mPa s})$	0.4948	0.4280							
$T/^\circ\text{C} = 30.0$									94W1
x_1	0.0000	0.1024	0.2043	0.3057	0.4065	0.5067	0.6064	0.7056	0.8043
$\eta /(\text{mPa s})$	1.3304	1.2002	1.0783	0.9640	0.8589	0.7610	0.6716	0.5897	0.5150
x_1	0.9024	1.0000							
$\eta /(\text{mPa s})$	0.4485	0.3885							
$T/^\circ\text{C} = 40.0$									94W1
x_1	0.0000	0.1024	0.2043	0.3057	0.4065	0.5067	0.6064	0.7056	0.8043
$\eta /(\text{mPa s})$	1.1205	1.0208	0.9263	0.8368	0.7525	0.6733	0.5989	0.5293	0.4645
x_1	0.9024	1.0000							
$\eta /(\text{mPa s})$	0.4044	0.3490							
1556	C₄H₈O (1) C₄H₈O₂S (2)		tetrahydro-furan tetrahydrothiophene 1,1-dioxide						109-99-9 126-33-0
$T/^\circ\text{C} = 30.0$									85M1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	9.87	4.17	2.09	1.17	0.72	0.46			
1557	C₄H₈O (1) C₄H₁₀O (2)		butanal butan-1-ol						123-72-8 71-36-3
$w_2 = 0.00$									81M2
T/K	295.08	318.13	333.43						
$\eta /(\text{mPa s})$	0.460	0.373	0.332						
$w_2 = 0.10$									81M2
T/K	292.93								
$\eta /(\text{mPa s})$	1.220								
$w_2 = 0.60$									81M2
T/K	294.63	319.13	339.03						
$\eta /(\text{mPa s})$	5.780	2.552	1.505						

$w_2 = 0.90$										81M2
T/K	294.53	320.13	347.88							
$\eta /(\text{mPa s})$	5.490	2.980	1.800							
$w_2 = 1.00$										81M2
T/K	293.13	303.13	313.13	323.13	333.13	343.13				
$\eta /(\text{mPa s})$	2.950	2.280	1.780	1.410	1.140	0.930				

A table is given in Ref. 81M2 for pressures up to 50 MPa and temperatures up to 500 K.

1558 **C₄H₈O (1)** **butan-2-one** **78-93-3**
C₄H₁₀O (2) **butan-1-ol** **71-36-3**

$T/^\circ\text{C} = 35.0$										94G2
x_2	0.2	0.4	0.6	0.8						
$\eta^E /(\text{mPa s})$	-0.2372	-0.4317	-0.5604	-0.5029						
$T/^\circ\text{C} = 40.0$										94G2
x_2	0.2	0.4	0.6	0.8						
$\eta^E /(\text{mPa s})$	-0.2146	-0.3888	-0.4909	-0.4331						
$T/^\circ\text{C} = 45.0$										94G2
x_2	0.2	0.4	0.6	0.8						
$\eta^E /(\text{mPa s})$	-0.1799	-0.3244	-0.4068	-0.3391						
$T/^\circ\text{C} = 35.0$										70T1
x_1	0.0996	0.2002	0.2999	0.4004	0.5002	0.5998	0.6998	0.7997	0.8998	
$\nu /(\text{mm}^2/\text{s})$	1.9960	1.5570	1.3245	1.0619	0.9029	0.8002	0.6796	0.5966	0.5366	

1559 **C₄H₈O (1)** **butan-2-one** **78-93-3**
C₄H₁₀O (2) **butan-2-ol** **78-92-2**

$T/^\circ\text{C} = 25.0$										86K1
w_2	0.500	0.598	0.642	0.746	0.947	1.000				
$\eta / \eta_{\text{water}}$	0.732	0.898	0.926	1.179	2.399	3.056				

1560 **C₄H₈O (1)** **tetrahydro-furan** **109-99-9**
C₄H₁₀O₂ (2) **2-ethoxy-ethanol** **110-80-5**

$T/K = 298.15$										96A6
x_2	0.0000	0.1003	0.2025	0.3008	0.4030	0.5069	0.6012	0.7048	0.7983	
$\eta /(\text{mPa s})$	0.530	0.593	0.677	0.787	0.908	1.057	1.232	1.503	1.701	
x_2	0.8839	1.0000								
$\eta /(\text{mPa s})$	1.898	2.054								
$T/K = 303.15$										96A6

x_2	0.0000	0.1003	0.2025	0.3008	0.4030	0.5069	0.6012	0.7048	0.7983
η /(mPa s)	0.450	0.502	0.571	0.660	0.756	0.874	1.011	1.223	1.381
x_2	0.8839	1.0000							
η /(mPa s)	1.546	1.646							
T /K = 308.15									96A6
x_2	0.0000	0.1003	0.2025	0.3008	0.4030	0.5069	0.6012	0.7048	0.7983
η /(mPa s)	0.429	0.475	0.539	0.618	0.702	0.808	0.930	1.091	1.242
x_2	0.8839	1.0000							
η /(mPa s)	1.385	1.480							
1561	C₄H₈O (1) C₄H₁₀O₃ (2)		butan-2-one 2-(2-hydroxy-ethoxy)-ethanol						78-93-3 111-46-6
T /°C = 25.0									77I1
x_2	0.0000	0.0947	0.1896	0.2868	0.3847	0.4854	0.5829	0.6847	0.7862
η /(mPa s)	0.3859	0.5128	0.7299	1.0576	1.6114	2.5000	3.8977	6.2380	10.138
x_2	0.8707	0.9480	1.0000						
η /(mPa s)	15.2434	21.8339	28.0295						
T /°C = 25.0									77I1
x_2	0.0000	0.0947	0.1896	0.2868	0.3847	0.4854	0.5829	0.6847	0.7862
ν /(mm ² /s)	0.4810	0.6140	0.8331	1.1745	1.7280	2.5920	3.9177	6.0793	9.6081
x_2	0.8707	0.9480	1.0000						
ν /(mm ² /s)	14.0412	19.8580	25.1770						
1562	C₄H₈O (1) C₄H₁₁N (2)		butan-2-one butylamine						78-93-3 109-73-9
T /K = 303.15									80S3
x_2	0.0000	0.0943	0.1810	0.2823	0.4616	0.5768	0.6740	0.7814	0.8910
η /(mPa s)	0.366	0.482	0.593	0.732	0.924	0.967	0.914	0.819	0.671
x_2	1.0000								
η /(mPa s)	0.501								
1563	C₄H₈O (1) C₄H₁₁N (2)		butan-2-one diethylamine						78-93-3 109-89-7
T /°C = 25.0									61L1
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
η /(mPa s)	0.320	0.335	0.349	0.357	0.365	0.382	0.404		
1564	C₄H₈O (1)		butan-2-one						78-93-3

	C₅H₄O₂ (2)		furfural				98-01-1		
<i>T</i> /K = 298.15	91N1								
<i>x</i> ₂	0.1070	0.1938	0.2776	0.4047	0.4843	0.5874	0.6605	0.7553	0.8714
<i>η</i> /(mPa s)	0.517	0.625	0.729	0.881	0.969	1.078	1.156	1.253	1.373
<i>T</i> /K = 303.15	91N1								
<i>x</i> ₂	0.1238	0.2186	0.3164	0.4005	0.5146	0.6332	0.7244	0.8024	0.9061
<i>η</i> /(mPa s)	0.516	0.628	0.744	0.839	0.960	1.021	1.104	1.174	1.265
<i>T</i> /K = 308.15	91N1								
<i>x</i> ₂	0.1002	0.2134	0.3087	0.4301	0.5163	0.5746	0.6278	0.7079	0.8414
<i>η</i> /(mPa s)	0.460	0.587	0.694	0.822	0.911	0.967	1.018	1.094	1.218
1565	C₄H₈O (1) C₅H₉NO (2)		tetrahydro-furan 1-methyl-pyrrolidin-2-one				109-99-9 872-50-4		
<i>T</i> /°C = 5.0	87G2								
<i>x</i> ₂	0.0000	0.1004	0.2369	0.3418	0.4511	0.5601	0.7055	0.8122	0.8685
<i>η</i> /(mPa s)	0.573	0.665	0.779	0.911	1.086	1.308	1.562	1.857	2.012
<i>x</i> ₂	0.9625	1.0000							
<i>η</i> /(mPa s)	2.187	2.265							
<i>T</i> /°C = 5.0	86A1								
<i>x</i> ₂	0.0000	0.1004	0.2369	0.3418	0.4511	0.5601	0.7055	0.8122	0.8685
<i>v</i> /(mm ² /s)	0.635	0.721	0.825	0.948	1.110	1.318	1.544	1.814	1.953
<i>x</i> ₂	0.9625	1.0000							
<i>v</i> /(mm ² /s)	2.102	2.168							
1566	C₄H₈O (1) C₅H₁₀O (2)		butan-2-one pentan-2-one				78-93-3 107-87-9		
<i>T</i> /°C = 20.0	56T1								
<i>x</i> ₂	0.0	0.2	0.4	0.6	0.8	1.0			
<i>η</i> /(mPa s)	0.397	0.418	0.439	0.461	0.483	0.506			
<i>T</i> /°C = 40.0	56T1								
<i>x</i> ₂	0.0	0.2	0.4	0.6	0.8	1.0			
<i>η</i> /(mPa s)	0.326	0.341	0.357	0.372	0.388	0.405			
<i>T</i> /°C = 60.0	56T1								
<i>x</i> ₂	0.0	0.2	0.4	0.6	0.8	1.0			
<i>η</i> /(mPa s)	0.275	0.286	0.297	0.309	0.320	0.332			
1567	C₄H₈O (1) C₅H₁₀O (2)		butan-2-one pentan-3-one				78-93-3 96-22-0		

$T/^\circ\text{C} = 20.0$										61L1
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0			
$\eta/(\text{mPa s})$	0.279	0.308	0.325	0.340	0.354	0.386	0.424			
1568	C₄H₈O (1) C₅H₁₂O (2)	butan-2-one 3-methyl-butan-1-ol							78-93-3 123-51-3	
$T/^\circ\text{C} = 35.0$										94G2
x_2	0.2	0.4	0.6	0.8						
$\eta^E/(\text{mPa s})$	-0.2208	-0.4144	-0.4202	-0.4087						
$T/^\circ\text{C} = 40.0$										94G2
x_2	0.2	0.4	0.6	0.8						
$\eta^E/(\text{mPa s})$	-0.2002	-0.3653	-0.3677	-0.3845						
$T/^\circ\text{C} = 45.0$										94G2
x_2	0.2	0.4	0.6	0.8						
$\eta^E/(\text{mPa s})$	-0.1680	-0.3025	-0.3054	-0.2851						
$T/^\circ\text{C} = 35.0$										70T1
x_1	0.0996	0.2003	0.3000	0.4004	0.5000	0.5997	0.6998	0.8002	0.9001	
$\nu/(\text{mm}^2/\text{s})$	2.4753	1.9362	1.4906	1.1825	0.9474	0.8074	0.6975	0.6050	0.5268	
1569	C₄H₈O (1) C₆H₅Br (2)	butan-2-one bromobenzene							78-93-3 108-86-1	
$T/\text{K} = 303.15$										85J1
x_1	0.0000	0.1487	0.2073	0.3888	0.5263	0.7046	0.8307	1.0000		
$\eta/(\text{mPa s})$	1.007	0.899	0.858	0.740	0.656	0.556	0.486	0.378		
1570	C₄H₈O (1) C₆H₅Br (2)	tetrahydro-furan bromobenzene							109-99-9 108-86-1	
$T/\text{K} = 298.15$										97R3
x_1	0.0000	0.1051	0.2012	0.3022	0.4031	0.4987	0.5993	0.7041	0.8003	
$\eta/(\text{mPa s})$	1.0597	1.0135	0.9619	0.9067	0.8488	0.7916	0.7293	0.6618	0.5968	
x_1	0.9002	1.0000								
$\eta/(\text{mPa s})$	0.5298	0.4637								
$T/\text{K} = 313.15$										97R3
x_1	0.1051	0.2012	0.3022	0.4031	0.4987	0.5993	0.7041	0.8003	0.9002	
$\eta/(\text{mPa s})$	0.8409	0.8000	0.7551	0.7079	0.6622	0.6116	0.5571	0.5064	0.4507	
1571	C₄H₈O (1)	butan-2-one							78-93-3	

	C₆H₅Cl (2)		chlorobenzene						108-90-7		
<i>T</i> /K = 303.15											85J1
<i>x</i> ₁	0.0000	0.0982	0.2470	0.3771	0.5481	0.6776	0.8508	1.0000			
<i>η</i> /(mPa s)	0.721	0.686	0.636	0.593	0.541	0.499	0.482	0.378			
1572	C₄H₈O (1) C₆H₅ClO (2)		butan-2-one 2-chloro-phenol						78-93-3 95-57-8		
<i>T</i> /°C = 25.0											80P2
<i>x</i> ₂	0.0000	0.1005	0.1961	0.3003	0.3994	0.5010	0.6001	0.6991	0.8006		
<i>η</i> /(mPa s)	0.404	0.517	0.700	0.913	1.322	1.744	2.277	2.736	3.091		
<i>x</i> ₂	0.8991	1.0000									
<i>η</i> /(mPa s)	3.315	3.381									
<i>T</i> /°C = 30.0											70N1
<i>x</i> ₂	0.0000	0.1996	0.3963	0.4943	0.5982	0.7941	1.0000				
<i>η</i> /(mPa s)	0.388	0.711	1.237	1.722	2.026	2.718	3.002				
1573	C₄H₈O (1) C₆H₅NO₂ (2)		butan-2-one nitrobenzene						78-93-3 98-95-3		
<i>T</i> /°C = 25.0											91J2
<i>x</i> ₂	0.0000	0.0896	0.1789	0.2715	0.3667	0.4645	0.5659	0.6693	0.7753		
<i>η</i> /(mPa s)	0.4079	0.4717	0.5492	0.6263	0.7258	0.8460	0.9700	1.1469	1.3323		
<i>x</i> ₂	0.8846	1.0000									
<i>η</i> /(mPa s)	1.5651	1.7684									
<i>T</i> /°C = 30.0											91J2
<i>x</i> ₂	0.0000	0.0896	0.1789	0.2715	0.3667	0.4645	0.5659	0.6693	0.7753		
<i>η</i> /(mPa s)	0.3672	0.4165	0.4822	0.5574	0.6424	0.7360	0.8592	0.9921	1.1645		
<i>x</i> ₂	0.8846	1.0000									
<i>η</i> /(mPa s)	1.6465	1.6201									
<i>T</i> /°C = 35.0											91J2
<i>x</i> ₂	0.0000	0.0896	0.1789	0.2715	0.3667	0.4645	0.5659	0.6693	0.7753		
<i>η</i> /(mPa s)	0.3574	0.4018	0.4648	0.5354	0.6213	0.7052	0.8245	0.9539	1.1038		
<i>x</i> ₂	0.8846	1.0000									
<i>η</i> /(mPa s)	1.2796	1.5274									
<i>T</i> /°C = 40.0											91J2
<i>x</i> ₂	0.0000	0.0896	0.1789	0.2715	0.3667	0.4645	0.5659	0.6693	0.7753		
<i>η</i> /(mPa s)	0.3300	0.3690	0.4211	0.4901	0.5615	0.6436	0.7340	0.8511	0.9854		
<i>x</i> ₂	0.8846	1.0000									
<i>η</i> /(mPa s)	1.1193	1.3544									

$T/K = 303.15$									85J1
x_1	0.0000	0.1487	0.3244	0.4126	0.4992	0.7145	0.7800	1.0000	
$\eta /(\text{mPa s})$	1.613	1.320	1.039	0.925	0.820	0.607	0.550	0.378	
1574	C₄H₈O (1) C₆H₆ (2)	butan-2-one benzene						78-93-3 71-43-2	
$T/^\circ\text{C} = 24.7$									89S1
x_2	0.0000	0.1513	0.2663	0.2941	0.4321	0.5597	0.6057	0.7302	0.8777
$\eta /(\text{mPa s})$	0.3774	0.3919	0.4141	0.4175	0.4408	0.4674	0.4775	0.5097	0.5571
x_2	1.0000								
$\eta /(\text{mPa s})$	0.6053								
$T/K = 303.15$									85J1
x_1	0.0000	0.1023	0.2042	0.3950	0.5129	0.6822	0.8530	1.0000	
$\eta /(\text{mPa s})$	0.573	0.538	0.509	0.467	0.444	0.420	0.396	0.378	
$T/^\circ\text{C} = 34.2$									81Y1
x_1	0.0000	0.0925	0.2405	0.3178	0.4477	0.5084	0.6160	0.7356	1.0000
$\eta /(\text{mPa s})$	0.530	0.501	0.462	0.446	0.424	0.410	0.394	0.378	0.350
$T/^\circ\text{C} = 26.0$									59T1
x_2	0.000	0.098	0.198	0.298	0.398	0.498	0.599	0.699	0.799
$\eta /(\text{mPa s})$	0.401	0.411	0.425	0.443	0.455	0.474	0.497	0.519	0.546
x_2	0.899	1.000							
$\eta /(\text{mPa s})$	0.584	0.619							
$T/^\circ\text{C} = 9.9$									59T1
x_2	0.000	0.098	0.198	0.298	0.398	0.498	0.599	0.699	0.799
$\eta /(\text{mPa s})$	0.471	0.490	0.508	0.532	0.544	0.565	0.603	0.633	0.676
x_2	0.899	1.000							
$\eta /(\text{mPa s})$	0.723	0.766							
$T/^\circ\text{C} = -1.7$									59T1
x_2	0.000	0.098	0.198	0.298	0.398	0.498	0.599	0.699	0.799
$\eta /(\text{mPa s})$	0.547	0.563	0.587	0.611	0.647	0.688	0.711	0.751	0.803
x_2	0.899								
$\eta /(\text{mPa s})$	0.864								
$T/^\circ\text{C} = -12.2$									59T1
x_2	0.000	0.098	0.198	0.298	0.398	0.498	0.599	0.699	
$\eta /(\text{mPa s})$	0.603	0.627	0.665	0.694	0.728	0.767	0.814	0.868	
$T/^\circ\text{C} = -24.7$									59T1
x_2	0.000	0.098	0.198	0.298	0.398	0.498	0.599		

η /(mPa s)	0.720	0.737	0.772	0.819	0.866	0.915	0.980		
T /°C = -32.4									59T1
x_2	0.000	0.098	0.198	0.298	0.398	0.498			
η /(mPa s)	0.801	0.825	0.864	0.909	0.974	1.043			
T /°C = 20.0									58L2
x_1	0.2	0.4	0.5	0.6	0.8	1.0			
η /(mPa s)	0.569	0.511	0.487	0.471	0.435	0.411			
T /°C = 30.0									58L2
x_1	0.2	0.4	0.5	0.6	0.8	1.0			
η /(mPa s)	0.498	0.454	0.434	0.420	0.391	0.370			
T /°C = 35.0									58L2
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
η /(mPa s)	0.527	0.471	0.431	0.414	0.401	0.373	0.355		
T /°C = 45.0									58L2
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
η /(mPa s)	0.464	0.421	0.388	0.373	0.362	0.339	0.322		
T /K = 298.15									95P2
x_1	0.0000	0.1292	0.3124	0.5033	0.6883	0.8609	1.0000		
ν /(mm ² /s)	0.6844	0.6299	0.5754	0.5335	0.5022	0.4801	0.4676		
T /°C = 20.0									75M2
x_1	0.0000	0.1424	0.3070	0.4361	0.6088	0.7739	0.9139	1.0000	
ν /(mm ² /s)	0.736	0.685	0.631	0.597	0.560	0.533	0.513	0.502	
T /°C = 25.0									75M2
x_1	0.0000	0.1424	0.3070	0.4361	0.6088	0.7739	0.9139	1.0000	
ν /(mm ² /s)	0.690	0.643	0.596	0.559	0.532	0.510	0.486	0.478	
1575	C₄H₈O (1) C₆H₇N (2)		butan-2-one 2-methyl-pyridine						78-93-3 109-06-8
T /K = 303.15									92L2
x_2	0.0000	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.7999
η /(mPa s)	0.3820	0.4017	0.4296	0.4565	0.4877	0.5193	0.5612	0.5978	0.6425
x_2	0.9000	1.0000							
η /(mPa s)	0.6942	0.7406							
T /K = 313.15									92L2
x_2	0.0000	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.7999
η /(mPa s)	0.3560	0.3667	0.3917	0.4160	0.4445	0.4702	0.5038	0.5356	0.5718
x_2	0.9000	1.0000							
η /(mPa s)	0.6118	0.6537							

$T/K = 323.15$									92L2
x_2	0.0000	0.1000	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.7999
$\eta/(mPa\ s)$	0.3327	0.3457	0.3572	0.3813	0.4009	0.4264	0.4523	0.4827	0.5104
x_2	0.9000	1.0000							
$\eta/(mPa\ s)$	0.5528	0.5843							
1576	C₄H₈O (1) C₆H₁₀O (2)		tetrahydro-furan cyclohexanone						109-99-9 108-94-1
$T/K = 293.15$									84R1
x_2	0.00000	0.09901	0.20167	0.29790	0.39828	0.49625	0.59838	0.69636	
$\nu/(mm^2/s)$	0.5456	0.6150	0.6958	0.7880	0.9002	1.0323	1.1949	1.3840	
x_2	0.79940	0.89770	1.00000						
$\nu/(mm^2/s)$	1.6302	1.9230	2.3213						
$T/K = 313.15$									84R1
x_2	0.00000	0.09901	0.20167	0.29790	0.39828	0.49625	0.59838	0.69636	
$\nu/(mm^2/s)$	0.4572	0.5103	0.5696	0.6365	0.7171	0.8120	0.9210	1.0500	
x_2	0.79940	0.89770	1.00000						
$\nu/(mm^2/s)$	1.2037	1.3811	1.6201						
1577	C₄H₈O (1) C₆H₁₁Br (2)		tetrahydro-furan bromocyclohexane						109-99-9 108-85-0
$T/K = 298.15$									96R4
x_1	0.0951	0.2028	0.2992	0.4021	0.5006	0.6017	0.6981	0.7997	0.9044
$\eta^E/(mPa\ s)$	-0.1049	-0.1882	-0.2343	-0.2543	-0.2513	-0.2311	-0.1940	-0.1517	-0.073
$T/K = 313.15$									96R4
x_1	0.0951	0.2028	0.2992	0.4021	0.5006	0.6017	0.6981	0.7997	0.9044
$\eta^E/(mPa\ s)$	-0.0633	-0.1164	-0.1479	-0.1634	-0.1620	-0.1507	-0.1276	-0.0933	-0.049
1578	C₄H₈O (1) C₆H₁₁Cl (2)		tetrahydro-furan chlorocyclohexane						109-99-9 542-18-7
$T/K = 298.15$									97R2
x_1	0.0000	0.1036	0.2057	0.3029	0.4018	0.5079	0.6003	0.7026	0.8045
$\eta/(mPa\ s)$	1.5675	1.3801	1.2204	1.0874	0.9655	0.8521	0.7631	0.6748	0.5979
x_1	0.9032	1.0000							
$\eta/(mPa\ s)$	0.5278	0.4637							
$T/K = 313.15$									97R2
x_1	0.1036	0.2057	0.3029	0.4018	0.5079	0.6003	0.7026	0.8045	0.9302
$\eta/(mPa\ s)$	1.0853	0.9721	0.8761	0.7866	0.7016	0.6344	0.5652	0.5038	0.4475

1579	C₄H₈O (1)	C₆H₁₂ (2)	butan-2-one cyclohexane						78-93-3 110-82-7
<i>T</i> /K = 303.15									92N2
<i>x</i> ₁	0.0000	0.1398	0.1818	0.2120	0.2863	0.3407	0.4199	0.4488	0.4944
<i>η</i> /(mPa s)	0.823	0.676	0.645	0.620	0.573	0.546	0.507	0.495	0.480
<i>x</i> ₁	0.5429	0.5923	0.6863	0.7444	0.7765	0.8299	0.8574	0.9063	0.9515
<i>η</i> /(mPa s)	0.453	0.437	0.411	0.400	0.394	0.383	0.378	0.371	0.366
<i>x</i> ₁	1.0000								
<i>η</i> /(mPa s)	0.363								
<i>T</i> /K = 318.15									87M1
<i>x</i> ₂	0.0000	0.1257	0.2611	0.4518	0.6033	0.8254	1.0000		
<i>η</i> /(mPa s)	0.34293	0.34900	0.36816	0.39962	0.43429	0.51566	0.63377		
<i>T</i> /K = 298.15									87A3
<i>x</i> ₂	0.0000	0.1260	0.2633	0.4524	0.6037	0.8267	1.0000		
<i>η</i> /(mPa s)	0.475	0.426	0.448	0.501	0.554	0.685	0.883		
<i>T</i> /°C = 34.2									81Y1
<i>x</i> ₁	0.0000	0.1093	0.3610	0.4975	0.5550	0.6809	0.8865	1.0000	
<i>η</i> /(mPa s)	0.760	0.648	0.504	0.453	0.429	0.413	0.366	0.350	
<i>T</i> /°C = 25.0									62C1
<i>x</i> ₁	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
<i>η</i> /(mPa s)	0.889	0.752	0.665	0.595	0.548	0.508	0.472	0.444	0.425
<i>x</i> ₁	0.90	1.00							
<i>η</i> /(mPa s)	0.410	0.396							
1580	C₄H₈O (1)	C₆H₁₂ (2)	tetrahydro-furan cyclohexane						109-99-9 110-82-7
<i>T</i> /K = 298.15									99G1
<i>x</i> ₂	0.1002	0.1973	0.2946	0.3963	0.5012	0.5961	0.7009	0.7984	0.9060
<i>η</i> /(mPa s)	0.4906	0.5151	0.5406	0.5689	0.6048	0.6424	0.6906	0.7436	0.8152
<i>T</i> /K = 313.15									99G1
<i>x</i> ₂	0.1002	0.1973	0.2946	0.3963	0.5012	0.5961	0.7009	0.7984	0.9060
<i>η</i> /(mPa s)	0.4186	0.4356	0.4542	0.4773	0.5037	0.5305	0.5648	0.6017	0.6505
<i>T</i> /K = 288.15									97P4
<i>x</i> ₁	0.0000	0.0711	0.1505	0.2309	0.3097	0.3901	0.4709	0.5502	0.6309
<i>η</i> /(mPa s)	1.0642	0.9822	0.9053	0.8407	0.7856	0.7376	0.6947	0.6577	0.6243

x_1	0.7179	0.7945	0.8739	0.9508	1.0000				
$\eta /(\text{mPa s})$	0.5921	0.5667	0.5429	0.5222	0.5105				
$T/\text{K} = 298.15$									97P4
x_1	0.0000	0.0711	0.1505	0.2309	0.3097	0.3901	0.4709	0.5502	0.6309
$\eta /(\text{mPa s})$	0.8924	0.8313	0.7729	0.7234	0.6803	0.6426	0.6091	0.5794	0.5528
x_1	0.7179	0.7945	0.8739	0.9508	1.0000				
$\eta /(\text{mPa s})$	0.5268	0.5060	0.4863	0.4686	0.4600				
$T/\text{K} = 308.15$									97P4
x_1	0.0000	0.0711	0.1505	0.2309	0.3097	0.3901	0.4709	0.5502	0.6309
$\eta /(\text{mPa s})$	0.7581	0.7119	0.6667	0.6278	0.5943	0.5643	0.5373	0.5135	0.4919
x_1	0.7179	0.7945	0.8739	0.9508	1.0000				
$\eta /(\text{mPa s})$	0.4704	0.4536	0.4382	0.4237	0.4160				
$T/\text{K} = 288.15$									97P4
x_1	0.0000	0.0711	0.1505	0.2309	0.3097	0.3901	0.4709	0.5502	0.6309
$\nu /(\text{mm}^2/\text{s})$	1.3590	1.2468	1.1408	1.0509	0.9736	0.9057	0.8446	0.7914	0.7429
x_1	0.7179	0.7945	0.8739	0.9508	1.0000				
$\nu /(\text{mm}^2/\text{s})$	0.6956	0.6579	0.6220	0.5903	0.5717				
$T/\text{K} = 298.15$									97P4
x_1	0.0000	0.0711	0.1505	0.2309	0.3097	0.3901	0.4709	0.5502	0.6309
$\nu /(\text{mm}^2/\text{s})$	1.1534	1.0680	0.9857	0.9152	0.8533	0.7987	0.7496	0.7057	0.6658
x_1	0.7179	0.7945	0.8739	0.9508	1.0000				
$\nu /(\text{mm}^2/\text{s})$	0.6265	0.5946	0.5640	0.5362	0.5215				
$T/\text{K} = 308.15$									97P4
x_1	0.0000	0.0711	0.1505	0.2309	0.3097	0.3901	0.4709	0.5502	0.6309
$\nu /(\text{mm}^2/\text{s})$	0.9920	0.9259	0.8608	0.8042	0.7548	0.7102	0.6695	0.6333	0.6000
x_1	0.7179	0.7945	0.8739	0.9508	1.0000				
$\nu /(\text{mm}^2/\text{s})$	0.5665	0.5398	0.5146	0.4909	0.4776				
1581	C₄H₈O (1) C₆H₁₂O₂ (2)	butan-2-one acetic acid butyl ester						78-93-3 123-86-4	
$T/^\circ\text{C} = 35.0$									71T1
x_2	0.0000	0.0999	0.2002	0.3000	0.4000	0.4997	0.5997	0.7000	0.7997
$\eta /(\text{mPa s})$	0.3657	0.468	0.484	0.520	0.533	0.569	0.584	0.606	0.642
x_2	0.9004	1.0000							
$\eta /(\text{mPa s})$	0.669	0.6042							
1582	C₄H₈O (1) C₆H₁₂O₂ (2)	butan-2-one propionic acid propyl ester						78-93-3 106-36-5	
$T/\text{K} = 298.15$									95P2

x_1	0.0000	0.1074	0.2725	0.3326	0.3934	0.4885	0.5907	0.6832	0.7824
$\nu/(\text{mm}^2/\text{s})$	0.7111	0.6833	0.6426	0.6283	0.6130	0.5902	0.5656	0.5432	0.5192
x_1	0.8867	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.4979	0.4676							

1583 **C₄H₈O (1)** **butan-2-one** **78-93-3**
C₆H₁₃Cl (2) **1-chloro-hexane** **544-10-5**

$T/\text{K} = 298.15$ 95P2

x_1	0.0000	0.1364	0.2372	0.3443	0.4146	0.5605	0.6134	0.7386	0.7811
$\nu/(\text{mm}^2/\text{s})$	0.7856	0.7394	0.7030	0.6674	0.6445	0.6114	0.5814	0.5443	0.5296
x_1	0.8758	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.5015	0.4676							

1584 **C₄H₈O (1)** **butan-2-one** **78-93-3**
C₆H₁₄ (2) **hexane** **110-54-3**

$T/^\circ\text{C} = 24.7$ 89S1

x_1	0.0000	0.0550	0.2337	0.2985	0.4168	0.5063	0.6043	0.6943	0.8004
$\eta/(\text{mPa s})$	0.3044	0.3018	0.3032	0.3054	0.3122	0.3211	0.3277	0.3371	0.3496
x_1	0.9053	1.0000							
$\eta/(\text{mPa s})$	0.3647	0.3774							

1585 **C₄H₈O (1)** **tetrahydro-furan** **109-99-9**
C₆H₁₄ (2) **hexane** **110-54-3**

$T/\text{K} = 298.15$ 96B3

x_2	0.0000	0.0984	0.1946	0.2979	0.3518	0.4012	0.4477	0.4775	0.5496
$\eta/(\text{mPa s})$	0.457	0.431	0.407	0.387	0.374	0.365	0.357	0.352	0.342
x_2	0.6159	0.6436	0.7063	0.7549	0.7901	0.9039	1.0000		
$\eta/(\text{mPa s})$	0.333	0.330	0.323	0.318	0.314	0.303	0.294		

1586 **C₄H₈O (1)** **butan-2-one** **78-93-3**
C₆H₁₄O₄ (2) **2-[2-(2-hydroxy-ethoxy)-ethoxy]-ethanol** **112-27-6**

$T/^\circ\text{C} = 25.0$ 77I1

x_2	0.0000	0.0689	0.1424	0.2230	0.3069	0.3995	0.4957	0.6098	0.7255
$\eta/(\text{mPa s})$	0.3859	0.5226	0.7417	1.1036	1.6717	2.6270	4.1885	7.1626	11.753
x_2	0.8599	0.9254	1.0000						
$\eta/(\text{mPa s})$	20.7497	26.9539	37.3794						

$T/^\circ\text{C} = 25.0$ 77I1

x_2	0.0000	0.0689	0.1424	0.2230	0.3069	0.3995	0.4957	0.6098	0.7255
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$v/(mm^2/s)$	0.4810	0.6250	0.8519	1.2209	1.7870	2.7116	4.1919	6.9358	11.075
x_2	0.8599	0.9254	1.0000						
$v/(mm^2/s)$	19.0103	24.3929	33.3744						

1587 **C₄H₈O (1)** **butan-2-one** **78-93-3**
C₇H₈ (2) **toluene** **108-88-3**

$T/^\circ\text{C} = 30.0$ 97A1

x_1	0.0000	0.1013	0.2236	0.3180	0.4096	0.5204	0.6480	0.7730	0.8875
$\eta/(\text{mPa s})$	0.5268	0.4856	0.4563	0.4323	0.4195	0.3995	0.3856	0.3756	0.3699

x_1	1.0000
$\eta/(\text{mPa s})$	0.3655

$T/^\circ\text{C} = 35.0$ 97A1

x_1	0.0000	0.1013	0.2236	0.3180	0.4096	0.5204	0.6480	0.7730	0.8875
$\eta/(\text{mPa s})$	0.4984	0.4685	0.4431	0.4269	0.4111	0.3945	0.3791	0.3635	0.3571

x_1	1.0000
$\eta/(\text{mPa s})$	0.3525

$T/^\circ\text{C} = 40.0$ 97A1

x_1	0.0000	0.1013	0.2236	0.3180	0.4096	0.5204	0.6480	0.7730	0.8875
$\eta/(\text{mPa s})$	0.4811	0.4658	0.4472	0.4285	0.4132	0.3975	0.3835	0.3702	0.3555

x_1	1.0000
$\eta/(\text{mPa s})$	0.3421

$T/\text{K} = 303.15$ 85J1

x_1	0.0000	0.1009	0.2412	0.3948	0.5240	0.7006	0.8899	1.0000
$\eta/(\text{mPa s})$	0.531	0.516	0.496	0.475	0.458	0.431	0.397	0.378

$T/\text{K} = 298.15$ 95P2

x_1	0.0000	0.1398	0.3207	0.5166	0.7163	0.8877	1.0000
$v/(mm^2/s)$	0.6345	0.6028	0.5691	0.5357	0.5054	0.4809	0.4676

1588 **C₄H₈O (1)** **tetrahydro-furan** **109-99-9**
C₇H₈ (2) **toluene** **108-88-3**

$T/\text{K} = 288.15$ 97P4

x_1	0.0000	0.0722	0.1522	0.2308	0.3131	0.3912	0.4719	0.5513	0.6325
$\eta/(\text{mPa s})$	0.6209	0.6186	0.6153	0.6110	0.6055	0.5986	0.5906	0.5817	0.5714

x_1	0.7103	0.7910	0.8709	0.9492	1.0000
$\eta/(\text{mPa s})$	0.5605	0.5480	0.5344	0.5201	0.5105

$T/\text{K} = 298.15$ 97P4

x_1	0.0000	0.0722	0.1522	0.2308	0.3131	0.3912	0.4719	0.5513	0.6325
$\eta/(\text{mPa s})$	0.5459	0.5478	0.5452	0.5418	0.5378	0.5326	0.5259	0.5188	0.5107

x_1	0.7103	0.7910	0.8709	0.9492	1.0000				
η /(mPa s)	0.5015	0.4910	0.4799	0.4681	0.4600				
$T/K = 308.15$									97P4
x_1	0.0000	0.0722	0.1522	0.2308	0.3131	0.3912	0.4719	0.5513	0.6325
η /(mPa s)	0.4899	0.4892	0.4866	0.4838	0.4804	0.4764	0.4714	0.4653	0.4586
x_1	0.7103	0.7910	0.8709	0.9492	1.0000				
η /(mPa s)	0.4511	0.4426	0.4331	0.4232	0.4160				
$T/K = 288.15$									97P4
x_1	0.0000	0.0722	0.1522	0.2308	0.3131	0.3912	0.4719	0.5513	0.6325
ν /(mm ² /s)	0.7125	0.7083	0.7027	0.6961	0.6882	0.6789	0.6684	0.6570	0.6441
x_1	0.7103	0.7910	0.8709	0.9492	1.0000				
ν /(mm ² /s)	0.6308	0.6157	0.5996	0.5829	0.5717				
$T/K = 298.15$									97P4
x_1	0.0000	0.0722	0.1522	0.2308	0.3131	0.3912	0.4719	0.5513	0.6325
ν /(mm ² /s)	0.6373	0.6340	0.6296	0.6242	0.6182	0.6109	0.6020	0.5928	0.5824
x_1	0.7103	0.7910	0.8709	0.9492	1.0000				
ν /(mm ² /s)	0.5710	0.5583	0.5450	0.5310	0.5215				
$T/K = 308.15$									97P4
x_1	0.0000	0.0722	0.1522	0.2308	0.3131	0.3912	0.4719	0.5513	0.6325
ν /(mm ² /s)	0.5744	0.5724	0.5680	0.5636	0.5585	0.5527	0.5458	0.5379	0.5292
x_1	0.7103	0.7910	0.8709	0.9492	1.0000				
ν /(mm ² /s)	0.5198	0.5094	0.4979	0.4861	0.4776				

1589	C₄H₈O (1)		butan-2-one						78-93-3
	C₇H₁₄ (2)		methylcyclohexane						108-87-2
$T/K = 298.15$									95P2
x_1	0.0000	0.1137	0.2032	0.3235	0.4138	0.4901	0.5853	0.6889	0.7914
ν /(mm ² /s)	0.8807	0.7931	0.7378	0.6787	0.6399	0.6103	0.5759	0.5420	0.5122
x_1	0.8938	1.0000							
ν /(mm ² /s)	0.4869	0.4676							

1590	C₄H₈O (1)		butan-2-one						78-93-3
	C₇H₁₆ (2)		heptane						142-82-5
$T/^\circ\text{C} = 24.7$									89S1
x_2	0.0000	0.1271	0.2092	0.3055	0.4593	0.5955	0.7044	0.8014	0.9011
η /(mPa s)	0.3774	0.3686	0.3655	0.3637	0.3646	0.3649	0.3677	0.3721	0.3789
x_2	1.0000								
η /(mPa s)	0.3899								

$T/^\circ\text{C} = 20.0$

87C1

x_1	0.0000	0.1550	0.2921	0.4143	0.5238	0.6227	0.7123	0.8684	1.0000
$\eta/(\text{mPa s})$	0.409	0.309	0.382	0.378	0.376	0.380	0.375	0.383	0.396

 $T/^\circ\text{C} = 25.0$

78D1

x_1	0.0000	0.1507	0.1913	0.2620	0.3212	0.3570	0.4033	0.4152	0.5748
$\nu/(\text{mm}^2/\text{s})$	0.573	0.546	0.540	0.632	0.526	0.523	0.518	0.518	0.504

x_1	0.6432	0.7029	0.8439	0.8765	0.9154	0.9558	1.0000		
$\nu/(\text{mm}^2/\text{s})$	0.499	0.496	0.486	0.486	0.483	0.481	0.481		

1591 **C₄H₈O (1)** **tetrahydro-furan** **109-99-9**
C₈H₈ (2) **vinylbenzene** **100-42-5**

 $T/\text{K} = 298.15$ 98A5

x_2	0.0000	0.1011	0.1990	0.3001	0.4001	0.4963	0.6002	0.6993	0.8017
$\eta/(\text{mPa s})$	0.472	0.514	0.535	0.595	0.632	0.664	0.695	0.721	0.742

x_2	0.8979	1.0000							
$\eta/(\text{mPa s})$	0.747	0.708							

 $T/\text{K} = 303.15$ 98A5

x_2	0.0000	0.1011	0.1990	0.3001	0.4001	0.4963	0.6002	0.6993	0.8017
$\eta/(\text{mPa s})$	0.450	0.490	0.528	0.562	0.599	0.625	0.658	0.677	0.695

x_2	0.8979	1.0000							
$\eta/(\text{mPa s})$	0.699	0.663							

 $T/\text{K} = 308.15$ 98A5

x_2	0.0000	0.1011	0.1990	0.3001	0.4001	0.4963	0.6002	0.6993	0.8017
$\eta/(\text{mPa s})$	0.429	0.463	0.498	0.532	0.564	0.589	0.616	0.637	0.652

x_2	0.8979	1.0000							
$\eta/(\text{mPa s})$	0.651	0.623							

1592 **C₄H₈O (1)** **butan-2-one** **78-93-3**
C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

 $T/^\circ\text{C} = 34.2$ 81Y1

x_1	0.0000	0.1273	0.3110	0.3949	0.5326	0.5913	0.6949	0.7871	1.0000
$\eta/(\text{mPa s})$	0.539	0.515	0.480	0.457	0.434	0.419	0.401	0.388	0.350

 $T/\text{K} = 298.15$ 95P2

x_1	0.0000	0.1382	0.3399	0.5881	0.6956	0.8821	1.0000		
$\nu/(\text{mm}^2/\text{s})$	0.6975	0.6567	0.6070	0.5643	0.5262	0.4859	0.4676		

1593 **C₄H₈O (1)** **butan-2-one** **78-93-3**
C₈H₁₀ (2) **ethylbenzene** **100-41-4**

$T/K = 298.15$										88F1
x_2	0.0000	0.0811	0.1608	0.2397	0.3470	0.4606	0.5818	0.7041	0.8394	
$\eta /(\text{mPa s})$	0.380	0.397	0.416	0.433	0.459	0.487	0.516	0.548	0.586	
x_2	1.0000									
$\eta /(\text{mPa s})$	0.627									
$T/K = 298.15$										88F1
x_2	0.0000	0.0811	0.1608	0.2397	0.3470	0.4606	0.5818	0.7041	0.8394	
$\nu /(\text{mm}^2/\text{s})$	0.475	0.492	0.511	0.528	0.555	0.583	0.613	0.646	0.686	
x_2	1.0000									
$\nu /(\text{mm}^2/\text{s})$	0.727									
1594	C₄H₈O (1) C₈H₁₈O (2)		butan-2-one 1-butoxy-butane							78-93-3 142-96-1
$T/K = 303.15$										92L2
x_1	0.0000	0.1005	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8002	
$\eta /(\text{mPa s})$	0.6460	0.6078	0.5656	0.5411	0.5123	0.4882	0.4677	0.4480	0.4330	
x_1	0.8998	1.0000								
$\eta /(\text{mPa s})$	0.4036	0.3820								
$T/K = 313.15$										92L2
x_1	0.0000	0.1005	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8002	
$\eta /(\text{mPa s})$	0.5715	0.5347	0.5046	0.4801	0.4584	0.4403	0.4254	0.4039	0.3920	
x_1	0.8998	1.0000								
$\eta /(\text{mPa s})$	0.3713	0.3560								
$T/K = 323.15$										92L2
x_1	0.0000	0.1005	0.2000	0.3000	0.4000	0.5000	0.6000	0.7000	0.8002	
$\eta /(\text{mPa s})$	0.5079	0.4826	0.4547	0.4348	0.4173	0.3980	0.3829	0.3693	0.3587	
x_1	0.8998	1.0000								
$\eta /(\text{mPa s})$	0.3465	0.3327								
1595	C₄H₈O (1) C₉H₁₂ (2)		butan-2-one 1,3,5-trimethyl-benzene							78-93-3 108-67-8
$T/^\circ\text{C} = 34.2$										81Y1
x_1	0.0000	0.1256	0.3266	0.4175	0.5581	0.6213	0.7133	0.8019	0.9035	
$\eta /(\text{mPa s})$	0.584	0.549	0.500	0.479	0.443	0.428	0.409	0.389	0.368	
x_1	1.0000									
$\eta /(\text{mPa s})$	0.350									
1596	C₄H₈O (1)		butan-2-one							78-93-3

	C₉H₂₀ (2)		nonane						111-84-2	
$T/^\circ\text{C} = 20.0$	87C1									
x_1	0.0000	0.1811	0.3322	0.4603	0.5702	0.6655	0.8279	0.8919	1.0000	
$\eta/(\text{mPa s})$	0.711	0.633	0.582	0.543	0.511	0.485	0.439	0.422	0.396	
1597	C₄H₈O (1) C₁₀H₁₄N₂ (2)		butan-2-one (S)-(-)-nicotine						78-93-3 54-11-5	
$T/^\circ\text{C} = 25.0$	50B3									
x_2	0.0000	0.1253	0.2463	0.3642	0.4878	0.6133	0.7374	0.8830	1.0000	
$\eta/(\text{mPa s})$	0.4049	0.5454	0.7187	0.9572	1.2459	1.6462	2.2002	3.0689	3.8942	
$T/^\circ\text{C} = 50.0$	50B3									
x_2	0.0000	0.1173	0.2498	0.3780	0.5005	0.6228	0.7485	0.8439	1.0000	
$\eta/(\text{mPa s})$	0.3203	0.4075	0.5104	0.6647	0.8283	1.0414	1.3158	1.7675	2.0376	
$T/^\circ\text{C} = 75.0$	50B3									
x_2	0.0000	0.1173	0.2498	0.3780	0.5005	0.6228	0.7485	0.8439	1.0000	
$\eta/(\text{mPa s})$	0.2581	0.3236	0.3972	0.4869	0.5969	1.7378	0.8852	1.1187	1.2626	
1598	C₄H₈O (1) C₁₀H₂₂ (2)		butan-2-one decane						78-93-3 124-18-5	
$T/^\circ\text{C} = 20.0$	87C1									
x_1	0.0000	0.2012	0.3617	0.4927	0.6018	0.6939	0.7727	0.9007	1.0000	
$\eta/(\text{mPa s})$	0.920	0.803	0.711	0.644	0.588	0.541	0.502	0.438	0.396	
1599	C₄H₈O (1) C₁₁H₂₄ (2)		butan-2-one undecane						78-93-3 1120-21-4	
$T/^\circ\text{C} = 20.0$	87C1									
x_1	0.0000	0.2923	0.4382	0.5575	0.7006	0.7783	0.9035	0.9547	1.0000	
$\eta/(\text{mPa s})$	1.179	0.891	0.779	0.691	0.591	0.541	0.454	0.422	0.396	
1600	C₄H₈O (1) C₁₂H₂₆ (2)		butan-2-one dodecane						78-93-3 112-40-3	
$T/^\circ\text{C} = 20.0$	87C1									
x_1	0.0000	0.1235	0.2292	0.4008	0.5342	0.6408	0.7280	0.8006	1.0000	
$\eta/(\text{mPa s})$	1.450	1.318	1.191	0.983	0.835	0.739	0.632	0.563	0.396	
1601	C₄H₈O (1) C₁₂H₂₇N (2)		butan-2-one tributylamine						78-93-3 102-82-9	

$T/K = 293.15$									83R1
x_1	0.00000	0.20165	0.30431	0.40535	0.49902	0.60073	0.70129	0.79965	
$\nu /(\text{mm}^2/\text{s})$	1.7859	1.4642	1.3186	1.1793	1.0601	0.9351	0.8122	0.6983	
x_1	0.90102	1.00000							
$\nu /(\text{mm}^2/\text{s})$	0.5907	0.4921							
$T/K = 313.15$									83R1
x_1	0.00000	0.20165	0.30431	0.40535	0.49902	0.60073	0.70129	0.79965	
$\nu /(\text{mm}^2/\text{s})$	1.2683	1.0772	0.9795	0.8940	0.8116	0.7302	0.6467	0.5648	
x_1	0.90102	1.00000							
$\nu /(\text{mm}^2/\text{s})$	0.4850	0.4131							
1602	C₄H₈O (1) C₁₆H₃₃Cl (2)		butan-2-one 1-chloro-hexadecane						78-93-3 4860-03-1
$T/K = 298.15$									95P2
x_1	0.0000	0.1799	0.2625	0.3411	0.4537	0.5145	0.6206	0.7082	0.8029
$\nu /(\text{mm}^2/\text{s})$	6.305	4.775	4.175	3.599	2.879	2.520	1.950	1.523	1.119
x_1	0.8965	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.7873	0.4676							
1603	C₄H₈O (1) C₁₆H₃₄ (2)		butan-2-one hexadecane						78-93-3 544-76-3
$T/^\circ\text{C} = 20.0$									87C1
x_1	0.0000	0.1556	0.4667	0.7000	0.7778	0.8400	0.8909	1.0000	
$\eta /(\text{mPa s})$	3.340	2.855	1.730	1.084	0.880	0.731	0.613	0.396	
1604	C₄H₈O₂ (1) C₄H₈O₂ (2)		acetic acid ethyl ester 1,4-dioxane						141-78-6 123-91-1
$T/K = 303.15$									92O5
x_2	0.0000	0.1021	0.2024	0.2982	0.4026	0.4968	0.6025	0.6970	0.8007
$\eta /(\text{mPa s})$	0.402	0.435	0.466	0.505	0.553	0.602	0.668	0.742	0.834
x_2	0.9003	1.0000							
$\eta /(\text{mPa s})$	0.948	1.090							
$T/K = 303.15$									88O2
x_1	0.0000	0.0451	0.0948	0.1332	0.1779	0.2236	0.3187	0.4176	0.4670
$\eta /(\text{mPa s})$	1.086	1.017	0.948	0.901	0.848	0.802	0.717	0.648	0.616
x_1	0.5155	0.6182	0.7243	0.8297	0.9411	1.0000			
$\eta /(\text{mPa s})$	0.590	0.539	0.497	0.456	0.422	0.403			
$T/K = 313.15$									88O2

x_1	0.0000	0.2090	0.4050	0.5144	0.6020	0.7994	1.0000		
$\eta /(\text{mPa s})$	0.939	0.717	0.583	0.528	0.490	0.423	0.369		
$T/\text{K} = 313.15$									88R5
x_1	0.0000	0.1779	0.2090	0.4050	0.5144	0.6020	0.7994	0.9411	1.0000
$\eta /(\text{mPa s})$	0.939	0.768	0.717	0.584	0.527	0.490	0.423	0.376	0.369
$T/\text{K} = 313.15$									88R5
x_1	0.0000	0.1779	0.2090	0.4050	0.5144	0.6020	0.7994	0.9411	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.929	0.753	0.732	0.612	0.563	0.529	0.469	0.435	0.421
1605	C₄H₈O₂ (1)		1,4-dioxane						123-91-1
	C₄H₈O₂S (2)		tetrahydrothiophene 1,1-dioxide						126-33-0
$T/^\circ\text{C} = 30.0$									79L1
x_2	0.000	0.092	0.206	0.280	0.377	0.476	0.577	0.679	0.784
$\eta /(\text{mPa s})$	1.1128	1.3170	1.5497	1.8858	2.2312	2.7505	3.4152	4.2835	5.5352
x_2	0.891	1.000							
$\eta /(\text{mPa s})$	7.4453	10.3305							
$T/^\circ\text{C} = 40.0$									79L1
x_2	0.000	0.092	0.206	0.280	0.377	0.476	0.577	0.679	0.784
$\eta /(\text{mPa s})$	0.9693	1.1242	1.3167	1.5760	1.9710	2.2602	2.7737	3.4781	4.4456
x_2	0.891	1.000							
$\eta /(\text{mPa s})$	5.8871	8.1040							
$T/^\circ\text{C} = 50.0$									79L1
x_2	0.000	0.092	0.206	0.280	0.377	0.476	0.577	0.679	0.784
$\eta /(\text{mPa s})$	0.8449	1.0094	1.1518	1.3505	1.5926	1.9182	2.3409	2.8853	3.7563
x_2	0.891	1.000							
$\eta /(\text{mPa s})$	4.7542	6.5182							
$T/^\circ\text{C} = 60.0$									79L1
x_2	0.000	0.092	0.206	0.280	0.377	0.476	0.577	0.679	0.784
$\eta /(\text{mPa s})$	0.7485	0.8726	0.9991	1.1754	1.3879	1.6666	1.9920	2.4287	3.0358
x_2	0.891	1.000							
$\eta /(\text{mPa s})$	3.9314	5.1773							
$T/\text{K} = 303.15$									75J1
x_2	0.0000	0.0809	0.1742	0.2786	0.3855	0.4739	0.5744	0.6247	0.7169
$\eta /(\text{mPa s})$	1.101	1.276	1.517	1.854	2.293	2.756	3.428	3.841	4.786
x_2	0.8462	0.9062	1.0000						
$\eta /(\text{mPa s})$	6.656	7.852	10.295						
$T/\text{K} = 313.15$									75J1
x_2	0.0000	0.0809	0.1742	0.2786	0.3855	0.4739	0.5744	0.6247	0.7169

η /(mPa s)	0.9403	1.086	1.284	1.558	1.912	2.280	2.809	3.130	3.861
x_2	0.8462	0.9062	1.0000						
η /(mPa s)	5.275	6.164	8.007						
$T/K = 323.15$									75J1
x_2	0.0000	0.0809	0.1742	0.2786	0.3855	0.4739	0.5744	0.6247	0.7169
η /(mPa s)	0.8147	0.9369	1.104	1.332	1.622	1.922	2.348	2.605	3.182
x_2	0.8462	0.9062	1.0000						
η /(mPa s)	4.278	4.942	6.346						
1606	C₄H₈O₂ (1) C₄H₉NO (2)		acetic acid ethyl ester N,N-dimethyl-acetamide						141-78-6 127-19-5
$T/K = 303.15$									89R3
x_2	0.0000	0.1026	0.2093	0.3072	0.4089	0.5395	0.6251	0.6975	0.7982
η /(mPa s)	0.438	0.478	0.517	0.548	0.597	0.651	0.691	0.726	0.777
x_2	0.8894	1.0000							
η /(mPa s)	0.824	0.880							
1607	C₄H₈O₂ (1) C₄H₁₀O (2)		acetic acid ethyl ester butan-1-ol						141-78-6 71-36-3
$T/K = 298.15$									96N2
x_1	0.0000	0.0862	0.1739	0.2650	0.3594	0.4569	0.5579	0.6625	0.7708
η /(mPa s)	2.570	1.868	1.400	1.126	0.897	0.767	0.654	0.573	0.507
x_1	0.8833	1.0000							
η /(mPa s)	0.447	0.424							
$T/K = 303.15$									96N2
x_1	0.0000	0.0862	0.1739	0.2650	0.3594	0.4569	0.5579	0.6625	0.7708
η /(mPa s)	2.268	1.673	1.263	1.023	0.825	0.710	0.605	0.532	0.488
x_1	0.8833	1.0000							
η /(mPa s)	0.431	0.400							
$T/K = 308.15$									96N2
x_1	0.0000	0.0862	0.1739	0.2650	0.3594	0.4569	0.5579	0.6625	0.7708
η /(mPa s)	1.982	1.413	1.138	0.931	0.756	0.654	0.564	0.499	0.462
x_1	0.8833	1.0000							
η /(mPa s)	0.409	0.385							
$T/K = 298.15$									88F1
x_2	0.0000	0.1338	0.2522	0.3724	0.4809	0.5952	0.7033	0.8010	0.8918
η /(mPa s)	0.429	0.468	0.517	0.599	0.691	0.838	1.041	1.331	1.741
x_2	1.0000								
η /(mPa s)	2.578								

$T/K = 298.15$										88F1
x_2	0.0000	0.1338	0.2522	0.3724	0.4809	0.5952	0.7033	0.8010	0.8918	
$\nu /(\text{mm}^2/\text{s})$	0.480	0.531	0.594	0.696	0.812	0.997	1.252	1.617	2.136	
x_2	1.0000									
$\nu /(\text{mm}^2/\text{s})$	3.200									
1608	C₄H₈O₂ (1) C₄H₁₀O (2)		1,4-dioxane butan-1-ol							123-91-1 71-36-3
$T/K = 298.15$										97G2
x_1	0.1138	0.1477	0.2017	0.2472	0.3006	0.4037	0.4537	0.5078	0.5543	
$\eta^E /(\text{mPa s})$	-0.305	-0.363	-0.436	-0.471	-0.500	-0.504	-0.492	-0.464	-0.444	
x_1	0.6059	0.6579	0.6986	0.7508	0.8063	0.9003				
$\eta^E /(\text{mPa s})$	-0.406	-0.369	-0.335	-0.290	-0.235	-0.113				
$T/^\circ\text{C} = 25.0$										56R1
x_2	0.0000	0.0528	0.1148	0.1998	0.2320	0.2877	0.3274	0.4083	0.5280	
$\eta /(\text{mPa s})$	1.165	1.126	1.091	1.078	1.073	1.070	1.074	1.099	1.169	
x_2	0.6722	0.7606	0.8730	0.9654	1.0000					
$\eta /(\text{mPa s})$	1.328	1.490	1.806	2.264	2.414					
1609	C₄H₈O₂ (1) C₄H₁₀O (2)		1,4-dioxane butan-2-ol							123-91-1 78-92-2
$T/^\circ\text{C} = 25.0$										56R1
x_2	0.0000	0.0577	0.1569	0.2587	0.4084	0.4794	0.5825	0.6958	0.7640	
$\eta /(\text{mPa s})$	1.165	1.119	1.071	1.046	1.061	1.092	1.173	1.324	1.474	
x_2	0.8744	0.9587	1.0000							
$\eta /(\text{mPa s})$	1.880	2.470	2.934							
1610	C₄H₈O₂ (1) C₄H₁₀O (2)		acetic acid ethyl ester 2-methyl-propan-1-ol							141-78-6 78-83-1
$T/K = 298.15$										96N2
x_1	0.0000	0.0855	0.1738	0.2650	0.3593	0.4568	0.5579	0.6625	0.7710	
$\eta /(\text{mPa s})$	3.350	2.049	1.595	1.217	0.935	0.757	0.648	0.571	0.512	
x_1	0.8833	1.0000								
$\eta /(\text{mPa s})$	0.463	0.424								
$T/K = 303.15$										96N2
x_1	0.0000	0.0855	0.1738	0.2650	0.3593	0.4568	0.5579	0.6625	0.7710	
$\eta /(\text{mPa s})$	2.997	2.073	1.551	1.221	0.979	0.785	0.660	0.562	0.495	

x_1	0.8833	1.0000							
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η /(mPa s)	0.438	0.400							
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T /K = 308.15									96N2
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x_1	0.0000	0.0855	0.1738	0.2650	0.3593	0.4568	0.5579	0.6625	0.7710
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η /(mPa s)	2.499	1.713	1.242	0.986	0.782	0.655	0.560	0.506	0.447
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x_1	0.8833	1.0000							
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η /(mPa s)	0.412	0.385							
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1611	C₄H₈O₂ (1)		1,4-dioxane						123-91-1
	C₄H₁₀O (2)		2-methyl-propan-1-ol						78-83-1

T /°C = 25.0									56R1
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x_2	0.0000	0.0581	0.1155	0.1680	0.2141	0.2589	0.2859	0.4212	0.4244
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η /(mPa s)	1.165	1.181	1.109	1.099	1.107	1.098	1.107	1.144	1.153
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x_2	0.4934	0.5261	0.5835	0.6896	0.7646	0.8750	0.9584	1.0000	
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η /(mPa s)	1.206	1.231	1.296	1.489	1.668	2.140	2.787	3.295	
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1612	C₄H₈O₂ (1)		acetic acid ethyl ester						141-78-6
	C₄H₁₀O (2)		2-methyl-propan-2-ol						75-65-0

T /K = 298.15									96N2
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x_1	0.0000	0.0855	0.1738	0.2650	0.3594	0.4569	0.5578	0.6625	0.7708
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η /(mPa s)	4.332	2.461	1.598	1.155	0.926	0.738	0.618	0.548	0.496
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x_1	0.8896	1.0000							
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η /(mPa s)	0.453	0.424							
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T /K = 303.15									96N2
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x_1	0.0000	0.0855	0.1738	0.2650	0.3594	0.4569	0.5578	0.6625	0.7708
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η /(mPa s)	3.372	2.013	1.371	1.021	0.809	0.675	0.570	0.512	0.465
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x_1	0.8896	1.0000							
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η /(mPa s)	0.428	0.400							
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T /K = 308.15									96N2
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x_1	0.0000	0.0855	0.1738	0.2650	0.3594	0.4569	0.5578	0.6625	0.7708
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η /(mPa s)	2.687	1.668	1.180	0.905	0.732	0.618	0.528	0.505	0.438
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x_1	0.8896	1.0000							
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η /(mPa s)	0.418	0.385							
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1613	C₄H₈O₂ (1)		1,4-dioxane						123-91-1
	C₄H₁₀O (2)		2-methyl-propan-2-ol						75-65-0

T /°C = 25.0									56R1
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x_2	0.0000	0.1214	0.1476	0.2090	0.2222	0.3341	0.4290	0.5305	0.6353
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η /(mPa s)	1.165	1.118	1.110	1.111	1.114	1.134	1.197	1.304	1.496
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x_2	0.7283	0.8224	0.9122	1.0000					
$\eta /(\text{mPa s})$	1.773	2.179	2.941	4.999					
1614	C₄H₈O₂ (1) C₄H₁₀O₂ (2)		acetic acid ethyl ester 2-ethoxy-ethanol					141-78-6 110-80-5	
$T/\text{K} = 308.15$									96V1
x_1	0.0000	0.1236	0.1667	0.2822	0.4296	0.4800	0.5934	0.7654	0.8179
$\eta /(\text{mPa s})$	1.5432	1.2201	1.1434	0.9520	0.7719	0.7339	0.6483	0.5474	0.5211
x_1	0.8576	1.0000							
$\eta /(\text{mPa s})$	0.5078	0.4776							
1615	C₄H₈O₂ (1) C₄H₁₀O₂ (2)		1,4-dioxane 2-ethoxy-ethanol					123-91-1 110-80-5	
$T/\text{K} = 298.15$									96A6
x_2	0.0000	0.1009	0.2023	0.3051	0.4014	0.4990	0.6020	0.7004	0.8031
$\eta /(\text{mPa s})$	1.321	1.293	1.299	1.324	1.367	1.424	1.511	1.600	1.733
x_2	0.8976	1.0000							
$\eta /(\text{mPa s})$	1.844	2.054							
$T/\text{K} = 303.15$									96A6
x_2	0.0000	0.1009	0.2023	0.3051	0.4014	0.4990	0.6020	0.7004	0.8031
$\eta /(\text{mPa s})$	1.086	1.069	1.066	1.085	1.119	1.162	1.228	1.299	1.400
x_2	0.8976	1.0000							
$\eta /(\text{mPa s})$	1.487	1.646							
$T/\text{K} = 308.15$									96A6
x_2	0.0000	0.1009	0.2023	0.3051	0.4014	0.4990	0.6020	0.7004	0.8031
$\eta /(\text{mPa s})$	1.000	0.982	0.992	1.000	1.028	1.070	1.120	1.183	1.268
x_2	0.8976	1.0000							
$\eta /(\text{mPa s})$	1.344	1.480							
1616	C₄H₈O₂ (1) C₄H₁₀O₃ (2)		1,4-dioxane 2-(2-hydroxy-ethoxy)-ethanol					123-91-1 111-46-6	
$T/^\circ\text{C} = 30.0$									79L1
x_2	0.000	0.090	0.184	0.279	0.375	0.474	0.575	0.678	0.783
$\eta /(\text{mPa s})$	1.1127	1.3597	1.7198	2.2687	3.0713	4.1973	5.7934	8.0485	11.275
x_2	0.890	1.000							
$\eta /(\text{mPa s})$	15.6642	22.2573							
$T/^\circ\text{C} = 40.0$									79L1
x_2	0.000	0.092	0.206	0.280	0.377	0.476	0.577	0.679	0.784

η /(mPa s)	0.9693	1.1607	1.4445	1.7892	2.3891	3.1806	4.2908	5.8119	7.8589
x_2	0.890	1.000							
η /(mPa s)	11.7906	15.2560							
$T/^\circ\text{C} = 50.0$									79L1
x_2	0.000	0.092	0.206	0.280	0.377	0.476	0.577	0.679	0.784
η /(mPa s)	0.8449	0.9887	1.2124	1.5050	1.9473	2.5274	3.3178	4.4024	5.8477
x_2	0.890	1.000							
η /(mPa s)	7.6600	10.4515							
$T/^\circ\text{C} = 60.0$									79L1
x_2	0.000	0.092	0.206	0.280	0.377	0.476	0.577	0.679	0.784
η /(mPa s)	0.7485	0.8709	1.0473	1.2806	1.6241	2.0943	2.6958	3.4633	4.4858
x_2	0.890	1.000							
η /(mPa s)	5.7026	7.5205							
1617	C₄H₈O₂ (1) C₄H₁₁N (2)		1,4-dioxane butylamine						123-91-1 109-73-9
$T/^\circ\text{C} = 25.0$									88A1
x_2	0.0000	0.1005	0.2025	0.2973	0.3935	0.4987	0.5971	0.6965	0.7959
η /(mPa s)	1.181	1.018	0.893	0.806	0.726	0.665	0.609	0.566	0.529
x_2	0.9041	1.0000							
η /(mPa s)	0.497	0.474							
1618	C₄H₈O₂ (1) C₅H₅N (2)		butyric acid pyridine						107-92-6 110-86-1
$T/^\circ\text{C} = 20.0$									09T1
w_1	0.000	0.182	0.358	0.472	0.571	0.744	0.848	1.000	
η /(mPa s)	0.9326	1.290	1.996	2.674	3.360	3.890	3.474	1.778	
1619	C₄H₈O₂ (1) C₅H₈O₃ (2)		acetic acid ethyl ester 3-oxo-butyric acid methyl ester						141-78-6 105-45-3
$T/\text{K} = 298.15$									93A6
x_2	0.0000	0.1006	0.1979	0.2962	0.3988	0.4978	0.5934	0.6964	0.7983
η /(mPa s)	0.433	0.488	0.551	0.624	0.711	0.810	0.916	1.051	1.195
x_2	0.9006	1.0000							
η /(mPa s)	1.376	1.568							
$T/\text{K} = 303.15$									93A6
x_2	0.0000	0.1006	0.1979	0.2962	0.3988	0.4978	0.5934	0.6964	0.7983
η /(mPa s)	0.410	0.462	0.519	0.587	0.666	0.755	0.849	0.970	1.099
x_2	0.9006	1.0000							

η /(mPa s)	1.258	1.427							
T /K = 308.15									93A6
x_2	0.0000	0.1006	0.1979	0.2962	0.3988	0.4978	0.5934	0.6964	0.7983
η /(mPa s)	0.390	0.438	0.491	0.553	0.629	0.706	0.792	0.900	1.015
x_2	0.9006	1.0000							
η /(mPa s)	1.155	1.304							

1620 **C₄H₈O₂ (1)** **1,4-dioxane** **123-91-1**
C₅H₉NO (2) **1-methyl-pyrrolidin-2-one** **872-50-4**

T /°C = 20.0 67V2

w_2	0.00000	0.14270	0.24916	0.35865	0.45525	0.53900	0.64193	0.72697
η /(mPa s)	1.30	1.34	1.40	1.43	1.48	1.51	1.56	1.63

w_2	0.81778	0.90805	1.00000
η /(mPa s)	1.67	1.74	1.83

T /°C = 30.0 67V2

w_2	0.00000	0.14270	0.24916	0.35865	0.45525	0.53900	0.64193	0.72697
η /(mPa s)	1.10	1.14	1.17	1.21	1.25	1.28	1.34	1.38

w_2	0.81778	0.90805	1.00000
η /(mPa s)	1.42	1.47	1.54

T /°C = 40.0 67V2

w_2	0.00000	0.14270	0.24916	0.35865	0.45525	0.53900	0.64193	0.72697
η /(mPa s)	0.938	0.975	1.01	1.05	1.07	1.11	1.15	1.20

w_2	0.81778	0.90805	1.00000
η /(mPa s)	1.23	1.28	1.33

1621 **C₄H₈O₂ (1)** **acetic acid ethyl ester** **141-78-6**
C₅H₁₁N (2) **piperidine** **110-89-4**

T /°C = 30.0 30S1

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.4213	0.450	0.490	0.530	0.565	0.625	0.710	0.795	0.895

x_2	0.90	1.00
η /(mPa s)	1.040	1.210

1622 **C₄H₈O₂ (1)** **acetic acid ethyl ester** **141-78-6**
C₅H₁₂O (2) **pentan-1-ol** **71-41-0**

T /K = 298.15 98N2

x_1	0.0000	0.1000	0.2000	0.3000	0.4001	0.5001	0.6036	0.7001	0.8001
η /(mPa s)	3.510	2.349	1.693	1.282	1.011	0.829	0.729	0.600	0.521

x_1	0.9000	1.0000							
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$\eta /(\text{mPa s})$	0.472	0.424							
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$T/\text{K} = 303.15$									98N2
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x_1	0.0000	0.1000	0.2000	0.3000	0.4001	0.5001	0.6036	0.7001	0.8001
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$\eta /(\text{mPa s})$	2.961	2.079	1.530	1.161	0.924	0.766	0.644	0.561	0.486
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x_1	0.9000	1.0000							
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$\eta /(\text{mPa s})$	0.446	0.400							
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$T/\text{K} = 308.15$									98N2
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x_1	0.0000	0.1000	0.2000	0.3000	0.4001	0.5001	0.6036	0.7001	0.8001
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$\eta /(\text{mPa s})$	2.518	1.843	1.367	1.053	0.848	0.681	0.599	0.525	0.459
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x_1	0.9000	1.0000							
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$\eta /(\text{mPa s})$	0.392	0.385							
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1623

C₄H₈O₂ (1)
C₅H₁₂O (2)

1,4-dioxane
pentan-1-ol

123-91-1
71-41-0

$T/\text{K} = 293.15$									89P2
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x_2	0.0000	0.0994	0.1985	0.2909	0.3943	0.4941	0.5906	0.6889	0.7617
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$\eta /(\text{mPa s})$	1.306	1.283	1.295	1.336	1.429	1.575	1.795	2.107	2.409
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x_2	0.8989	1.0000							
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$\eta /(\text{mPa s})$	3.188	4.028							
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$T/\text{K} = 298.15$									89P2
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x_2	0.0000	0.0994	0.1985	0.2909	0.3943	0.4941	0.5906	0.6889	0.7617
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$\eta /(\text{mPa s})$	1.193	1.146	1.159	1.193	1.265	1.393	1.567	1.817	2.081
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x_2	0.8989	1.0000							
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$\eta /(\text{mPa s})$	2.717	3.384							
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$T/\text{K} = 303.15$									89P2
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x_2	0.0000	0.0994	0.1985	0.2909	0.3943	0.4941	0.5906	0.6889	0.7617
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$\eta /(\text{mPa s})$	1.097	1.064	1.067	1.101	1.167	1.266	1.412	1.654	1.869
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x_2	0.8989	1.0000							
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$\eta /(\text{mPa s})$	2.429	2.964							
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$T/\text{K} = 308.15$									89P2
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x_2	0.0000	0.0994	0.1985	0.2909	0.3943	0.4941	0.5906	0.6889	0.7617
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$\eta /(\text{mPa s})$	1.026	0.992	0.999	1.025	1.085	1.174	1.298	1.304	1.687
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x_2	0.8989	1.0000							
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$\eta /(\text{mPa s})$	2.170	2.622							
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1624

C₄H₈O₂ (1)
C₆H₅Cl (2)

propionic acid methyl ester
chlorobenzene

554-12-1
108-90-7

$T/\text{K} = 308.15$									99S1
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x_1	0.0000	0.0485	0.0993	0.2038	0.2614	0.4087	0.4556	0.6041	0.7011
η /(mPa s)	0.675	0.646	0.635	0.612	0.599	0.567	0.556	0.523	0.503
x_1	0.8064	0.9054	0.9486	1.0000					
η /(mPa s)	0.479	0.457	0.448	0.437					
T /K = 318.15									99S1
x_1	0.0000	0.0485	0.0993	0.2038	0.2614	0.4087	0.4556	0.6041	0.7011
η /(mPa s)	0.607	0.598	0.589	0.570	0.559	0.531	0.522	0.493	0.475
x_1	0.8064	0.9054	0.9486	1.0000					
η /(mPa s)	0.454	0.434	0.426	0.416					
1625	C₄H₈O₂ (1) C₆H₅ClO (2)		1,4-dioxane 2-chloro-phenol						123-91-1 95-57-8
T /°C = 25.0									66F1
x_2	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	1.194	1.965	3.235	5.018	5.556	3.671			
1626	C₄H₈O₂ (1) C₆H₅F (2)		acetic acid ethyl ester fluorobenzene						141-78-6 462-06-6
T /K = 298.15									91A1
x_2	0.0000	0.0976	0.2022	0.2987	0.4000	0.4973	0.6003	0.6921	0.8017
η /(mPa s)	0.4597	0.4708	0.4870	0.5022	0.5154	0.5285	0.5421	0.5539	0.5631
x_2	0.8977	1.0000							
η /(mPa s)	0.5717	0.5821							
T /K = 303.15									91A1
x_2	0.0000	0.0976	0.2022	0.2987	0.4000	0.4973	0.6003	0.6921	0.8017
η /(mPa s)	0.4388	0.4482	0.4617	0.4767	0.4884	0.5015	0.5126	0.5250	0.5333
x_2	0.8977	1.0000							
η /(mPa s)	0.5411	0.5501							
T /K = 308.15									91A1
x_2	0.0000	0.0976	0.2022	0.2987	0.4000	0.4973	0.6003	0.6921	0.8017
η /(mPa s)	0.4159	0.4263	0.4386	0.4514	0.4637	0.4748	0.4859	0.4963	0.5043
x_2	0.8977	1.0000							
η /(mPa s)	0.5122	0.5193							
T /K = 313.15									91A1
x_2	0.0000	0.0976	0.2022	0.2987	0.4000	0.4973	0.6003	0.6921	0.8017
η /(mPa s)	0.3945	0.4035	0.4092	0.4263	0.4391	0.4445	0.4597	0.4684	0.4772
x_2	0.8977	1.0000							
η /(mPa s)	0.4842	0.4910							

1627	C₄H₈O₂ (1)		1,4-dioxane						123-91-1
	C₆H₅F (2)		fluorobenzene						462-06-6
<i>T</i> /K = 298.15									91A1
<i>x</i> ₂	0.0000	0.1011	0.1980	0.4013	0.4996	0.5948	0.7004	0.7999	1.0000
<i>η</i> /(mPa s)	1.2021	1.0975	1.0207	0.8850	0.8212	0.7671	0.7145	0.6623	0.5821
<i>T</i> /K = 303.15									91A1
<i>x</i> ₂	0.0000	0.1011	0.1980	0.4013	0.4996	0.5948	0.7004	0.7999	1.0000
<i>η</i> /(mPa s)	1.1057	1.0144	0.9461	0.8233	0.7660	0.7146	0.6705	0.6246	0.5501
<i>T</i> /K = 308.15									91A1
<i>x</i> ₂	0.0000	0.1011	0.1980	0.4013	0.4996	0.5948	0.7004	0.7999	1.0000
<i>η</i> /(mPa s)	1.0249	0.9372	0.8758	0.7660	0.7159	0.6724	0.6299	0.5869	0.5193
<i>T</i> /K = 313.15									91A1
<i>x</i> ₂	0.0000	0.1011	0.1980	0.4013	0.4996	0.5948	0.7004	0.7999	1.0000
<i>η</i> /(mPa s)	0.9409	0.8663	0.8097	0.7133	0.6665	0.6265	0.5897	0.5537	0.4910
1628	C₄H₈O₂ (1)		butyric acid						107-92-6
	C₆H₅NO₂ (2)		nitrobenzene						98-95-3
<i>T</i> /°C = 25.0									96A1
<i>x</i> ₁	0.0000	0.1103	0.2181	0.3235	0.4266	0.5274	0.6259	0.7225	0.8169
<i>η</i> /(mPa s)	1.8112	1.8287	1.8305	1.8367	1.8407	1.8369	1.8202	1.7864	1.7318
<i>x</i> ₁	0.9094	1.0000							
<i>η</i> /(mPa s)	1.6531	1.5283							
<i>T</i> /°C = 35.0									96A1
<i>x</i> ₁	0.0000	0.1103	0.2181	0.3235	0.4266	0.5274	0.6259	0.7225	0.8169
<i>η</i> /(mPa s)	1.4573	1.5306	1.5643	1.5903	1.6043	1.6025	1.5818	1.5394	1.4731
<i>x</i> ₁	0.9094	1.0000							
<i>η</i> /(mPa s)	1.3810	1.2421							
<i>T</i> /°C = 45.0									96A1
<i>x</i> ₁	0.0000	0.1103	0.2181	0.3235	0.4266	0.5274	0.6259	0.7225	0.8169
<i>η</i> /(mPa s)	1.1032	1.3551	1.4585	1.5266	1.5598	1.5586	1.5234	1.4547	1.3535
<i>x</i> ₁	0.9094	1.0000							
<i>η</i> /(mPa s)	1.2201	0.9562							
1629	C₄H₈O₂ (1)		1,4-dioxane						123-91-1
	C₆H₅NO₂ (2)		nitrobenzene						98-95-3
<i>T</i> /K = 298.15									91J1
<i>x</i> ₂	0.0000	0.0965	0.1967	0.2955	0.3946	0.4901	0.5915	0.6949	0.7949
<i>η</i> /(mPa s)	1.1552	1.2371	1.3000	1.3542	1.4253	1.4838	1.5559	1.6265	1.6917

x_2	0.8980	1.0000							
η /(mPa s)	1.7629	1.7916							
$T/K = 303.15$									91J1
x_2	0.0000	0.0965	0.1967	0.2955	0.3946	0.4901	0.5915	0.6949	0.7949
η /(mPa s)	1.0616	1.1384	1.1965	1.2450	1.3125	1.3650	1.4285	1.4978	1.5531
x_2	0.8980	1.0000							
η /(mPa s)	1.6200	1.6400							
$T/K = 308.15$									91J1
x_2	0.0000	0.0965	0.1967	0.2955	0.3946	0.4901	0.5915	0.6949	0.7949
η /(mPa s)	0.9779	1.0502	1.1020	1.1481	1.2079	1.2564	1.3160	1.3763	1.4292
x_2	0.8980	1.0000							
η /(mPa s)	1.4844	1.5054							
$T/K = 313.15$									91J1
x_2	0.0000	0.0965	0.1967	0.2955	0.3946	0.4901	0.5915	0.6949	0.7949
η /(mPa s)	0.9025	0.9666	1.0160	1.0589	1.1140	1.1574	1.2097	1.2635	1.3127
x_2	0.8980	1.0000							
η /(mPa s)	1.3660	1.3831							
1630	C₄H₈O₂ (1)		acetic acid ethyl ester						141-78-6
	C₆H₆ (2)		benzene						71-43-2
$T/^\circ\text{C} = 20.0$									90W1
x_2	0.0000	0.0979	0.1965	0.2953	0.3953	0.4943	0.5940	0.6952	0.7962
η /(mPa s)	0.4490	0.4562	0.4641	0.4802	0.5002	0.5201	0.5402	0.5603	0.5840
x_2	0.8974	1.0000							
η /(mPa s)	0.6120	0.6470							
$T/^\circ\text{C} = 25.0$									90W1
x_2	0.0000	0.0979	0.1965	0.2953	0.3953	0.4943	0.5940	0.6952	0.7962
η /(mPa s)	0.4253	0.4270	0.4364	0.4463	0.4642	0.4801	0.4982	0.5159	0.5355
x_2	0.8974	1.0000							
η /(mPa s)	0.5613	0.5950							
$T/^\circ\text{C} = 30.0$									90W1
x_2	0.0000	0.0979	0.1965	0.2953	0.3953	0.4943	0.5940	0.6952	0.7962
η /(mPa s)	0.4010	0.4001	0.4080	0.4160	0.4302	0.4480	0.4640	0.4840	0.5010
x_2	0.8974	1.0000							
η /(mPa s)	0.5255	0.5600							
$T/K = 298.15$									87A3
x_2	0.0000	0.1715	0.3251	0.5324	0.6702	0.8535	1.0000		
η /(mPa s)	0.439	0.478	0.489	0.507	0.534	0.570	0.601		
$T/K = 313.15$									87R2

x_1	0.0000	0.0964	0.2083	0.4048	0.5016	0.6010	0.8028	0.9461	1.0000
η /(mPa s)	0.491	0.471	0.446	0.418	0.407	0.397	0.381	0.371	0.369
$T/K = 318.15$									87M1
x_2	0.0000	0.1624	0.3233	0.5251	0.6710	0.8633	1.0000		
η /(mPa s)	0.38292	0.38942	0.39710	0.41290	0.42866	0.45048	0.47653		
$T/^\circ\text{C} = 20.0$									82A1
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	0.4508	0.4656	0.4754	0.4862	0.5003	0.5170	0.5394	0.5616	0.5876
x_2	0.9	1.0							
η /(mPa s)	0.6179	0.6565							
$T/K = 298.15$									95P2
x_1	0.0000	0.1285	0.3257	0.5062	0.6875	0.8599	1.0000		
ν /(mm ² /s)	0.6844	0.6281	0.5702	0.5320	0.5032	0.4821	0.4714		
1631	C₄H₈O₂ (1) C₆H₆ (2)		butyric acid benzene						107-92-6 71-43-2
$T/^\circ\text{C} = 25.0$									48J1
w_1	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
η /(mPa s)	0.603	0.612	0.624	0.656	0.747	0.808	0.903	1.100	1.466
1632	C₄H₈O₂ (1) C₆H₆ (2)		1,4-dioxane benzene						123-91-1 71-43-2
$T/K = 303.15$									92O5
x_1	0.0000	0.1009	0.2035	0.3017	0.4005	0.4969	0.6000	0.7019	0.8015
η /(mPa s)	0.559	0.603	0.645	0.687	0.736	0.787	0.841	0.895	0.961
x_1	0.8993	1.0000							
η /(mPa s)	1.024	1.090							
$T/^\circ\text{C} = 20.0$									75M2
x_2	0.0000	0.0950	0.2950	0.4890	0.6890	0.8940	1.0000		
ν /(mm ² /s)	1.376	1.294	1.136	1.000	0.790	0.788	0.736		
$T/^\circ\text{C} = 25.0$									75M2
x_2	0.0000	0.0950	0.2950	0.4890	0.6890	0.8940	1.0000		
ν /(mm ² /s)	1.175	1.117	0.998	0.897	0.791	0.715	0.690		
1633	C₄H₈O₂ (1) C₆H₆ (2)		formic acid propyl ester benzene						110-74-7 71-43-2

$T/K = 293.15$										98E1
x_2	0.0000	0.0943	0.2009	0.2748	0.3877	0.4930	0.5731	0.7017	0.8013	
$\nu /(\text{mm}^2/\text{s})$	0.5978	0.5992	0.6016	0.6039	0.6065	0.6142	0.6250	0.6428	0.6660	
x_2	0.8981	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.6993	0.7408								
$T/K = 303.15$										98E1
x_2	0.0000	0.0943	0.2009	0.2748	0.3877	0.4930	0.5731	0.7017	0.8013	
$\nu /(\text{mm}^2/\text{s})$	0.5385	0.5385	0.5392	0.5413	0.5440	0.5515	0.5615	0.5844	0.6056	
x_2	0.8981	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.6282	0.6497								
$T/K = 313.15$										98E1
x_2	0.0000	0.0943	0.2009	0.2748	0.3877	0.4930	0.5731	0.7017	0.8013	
$\nu /(\text{mm}^2/\text{s})$	0.4887	0.4893	0.4898	0.4909	0.4948	0.4986	0.5065	0.5286	0.5450	
x_2	0.8981	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.5626	0.5774								
$T/K = 323.15$										98E1
x_2	0.0000	0.0943	0.2009	0.2748	0.3877	0.4930	0.5731	0.7017	0.8013	
$\nu /(\text{mm}^2/\text{s})$	0.4436	0.4445	0.4454	0.4467	0.4505	0.4548	0.4619	0.4765	0.4888	
x_2	0.8981	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.5024	0.5202								

1634 **C₄H₈O₂ (1)** **2-methyl-propanoic acid** **79-31-2**
C₆H₆ (2) **benzene** **71-43-2**

$T/^\circ\text{C} = 25.0$ 48J1

w_1	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
$\eta /(\text{mPa s})$	0.603	0.631	0.666	0.752	0.990	1.168	1.490	2.300	3.784

1635 **C₄H₈O₂ (1)** **propionic acid methyl ester** **554-12-1**
C₆H₆ (2) **benzene** **71-43-2**

$T/K = 308.15$ 99S1

x_1	0.0000	0.0415	0.1037	0.2041	0.3026	0.4053	0.4569	0.6013	0.7026
$\eta /(\text{mPa s})$	0.537	0.530	0.520	0.505	0.492	0.480	0.474	0.462	0.453

x_1	0.8018	0.9039	0.9674	1.0000
$\eta /(\text{mPa s})$	0.447	0.441	0.438	0.437

$T/K = 318.15$ 99S1

x_1	0.0000	0.0415	0.1037	0.2041	0.3026	0.4053	0.4569	0.6013	0.7026
$\eta /(\text{mPa s})$	0.470	0.466	0.461	0.453	0.446	0.440	0.437	0.430	0.425

x_1	0.8018	0.9039	0.9674	1.0000
$\eta /(\text{mPa s})$	0.420	0.418	0.417	0.416

1636	C₄H₈O₂ (1) C₆H₇N (2)	acetic acid ethyl ester aniline							141-78-6 62-53-3
<i>T</i> / °C = 0.0									10W1
<i>x</i> ₂	0.0000	0.1520	0.2234	0.4280	0.5077	0.6720	0.7490	0.7760	0.8420
<i>η</i> /(mPa s)	0.584	0.812	0.954	1.561	1.841	2.901	3.843	4.220	5.211
<i>x</i> ₂	0.8550	0.8890	0.9390	1.0000					
<i>η</i> /(mPa s)	5.386	6.954	7.928	9.932					
1637	C₄H₈O₂ (1) C₆H₇N (2)	butyric acid aniline							107-92-6 62-53-3
<i>T</i> / °C = 30.0									24P2
<i>w</i> ₁	0.00000	0.22155	0.38943	0.48460	0.65857	0.69976	0.76832	0.82307	1.0000
<i>η</i> /(mPa s)	3.228	4.110	4.933	5.495	5.841	5.367	4.464	3.609	1.355
1638	C₄H₈O₂ (1) C₆H₇N (2)	1,4-dioxane aniline							123-91-1 62-53-3
<i>T</i> / °C = 25.0									88S2
<i>x</i> ₂	0.0635	0.0946	0.1306	0.2589	0.3427	0.3567	0.4289	0.4831	0.5023
<i>η</i> /(mPa s)	1.292	1.350	1.430	1.720	1.918	1.979	2.199	2.373	2.403
<i>x</i> ₂	0.5236	0.6158	0.7191	0.7832	0.8228	0.8876			
<i>η</i> /(mPa s)	2.477	2.752	3.065	3.210	3.327	3.445			
<i>T</i> / °C = 35.0									88S2
<i>x</i> ₂	0.0635	0.0946	0.1306	0.2589	0.3427	0.3567	0.4289	0.4831	0.5023
<i>η</i> /(mPa s)	1.077	1.119	1.175	1.389	1.551	1.581	1.718	1.851	1.869
<i>x</i> ₂	0.5236	0.6158	0.7191	0.7832	0.8228	0.8876			
<i>η</i> /(mPa s)	1.931	2.092	2.292	2.392	2.473	2.555			
<i>T</i> / °C = 45.0									88S2
<i>x</i> ₂	0.0635	0.0946	0.1306	0.2589	0.3427	0.3567	0.4289	0.4831	0.5023
<i>η</i> /(mPa s)	0.904	0.936	0.974	1.137	1.256	1.277	1.376	1.448	1.478
<i>x</i> ₂	0.6158	0.7191	0.7832	0.8228	0.8876				
<i>η</i> /(mPa s)	1.637	1.696	1.843	1.865	1.938				
1639	C₄H₈O₂ (1) C₆H₈N₂ (2)	acetic acid ethyl ester hexanedinitrile							141-78-6 111-69-3
<i>T</i> /K = 298.15									95O1
<i>x</i> ₂	0.0000	0.1075	0.3039	0.3934	0.4973	0.5975	0.6944	0.8500	1.0000
<i>η</i> /(mPa s)	0.4026	0.5353	0.8893	1.1156	1.4511	1.8612	2.3662	3.4416	4.9049

1640	C₄H₈O₂ (1) C₆H₁₀ (2)	1,4-dioxane cyclohexene							123-91-1 110-83-8
<i>T</i> /K = 303.15									90S1
<i>x</i> ₂	0.0000	0.1067	0.2617	0.3551	0.4267	0.4787	0.5637	0.6603	0.7706
<i>η</i> /(mPa s)	1.023	0.932	0.833	0.789	0.754	0.734	0.702	0.668	0.634
<i>x</i> ₂	0.8678	1.0000							
<i>η</i> /(mPa s)	0.606	0.573							
1641	C₄H₈O₂ (1) C₆H₁₂ (2)	acetic acid ethyl ester cyclohexane							141-78-6 110-82-7
<i>T</i> /K = 313.15									87R2
<i>x</i> ₁	0.0000	0.0601	0.2052	0.4085	0.5097	0.6056	0.7989	0.9545	1.0000
<i>η</i> /(mPa s)	0.700	0.636	0.526	0.445	0.418	0.400	0.376	0.364	0.369
<i>T</i> /°C = 20.0									82A1
<i>x</i> ₂	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
<i>η</i> /(mPa s)	0.4508	0.4632	0.4703	0.4820	0.5033	0.5303	0.5673	0.6204	0.6921
<i>x</i> ₂	0.9	1.0							
<i>η</i> /(mPa s)	0.8020	0.9751							
<i>T</i> /°C = 20.0									80A1
<i>φ</i> ₂	0.01	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
<i>η</i> /(mPa s)	0.463	0.463	0.470	0.482	0.503	0.530	0.567	0.620	0.692
<i>φ</i> ₂	0.9	0.99							
<i>η</i> /(mPa s)	0.802	0.966							
<i>T</i> /K = 298.15									95P2
<i>x</i> ₁	0.0000	0.1282	0.2261	0.3215	0.4015	0.5092	0.5942	0.6986	0.7933
<i>v</i> /(mm ² /s)	1.1480	0.8990	0.7835	0.7021	0.6491	0.5923	0.5584	0.5246	0.5010
<i>x</i> ₁	0.8821	1.0000							
<i>v</i> /(mm ² /s)	0.4845	0.4714							
1642	C₄H₈O₂ (1) C₆H₁₂ (2)	1,4-dioxane cyclohexane							123-91-1 110-82-7
<i>T</i> /K = 303.15									92O5
<i>x</i> ₁	0.0000	0.1001	0.2073	0.3007	0.4018	0.5018	0.5983	0.6997	0.7992
<i>η</i> /(mPa s)	0.818	0.793	0.783	0.785	0.787	0.815	0.841	0.882	0.934
<i>x</i> ₁	0.8901	1.0000							
<i>η</i> /(mPa s)	1.000	1.090							

$T/^\circ\text{C} = 25.0$									90M1
w_1	0.000	0.091	0.167	0.231	0.286	0.375	0.444	0.500	0.555
$\eta/(\text{mPa s})$	0.90	0.88	0.87	0.86	0.86	0.89	0.91	0.94	1.01
w_1	0.625	0.714	0.769	0.833	0.909	1.000			
$\eta/(\text{mPa s})$	1.02	1.04	1.07	1.12	1.18	1.26			
$T/^\circ\text{C} = 25.0$									69M1
x_2	0.0000	0.0864	0.2096	0.2860	0.3910	0.5350	0.6125	0.6850	0.7730
$\eta/(\text{mPa s})$	1.177	1.083	0.992	0.943	0.887	0.848	0.831	0.821	0.824
x_2	0.8223	0.9303	1.0000						
$\eta/(\text{mPa s})$	0.828	0.847	0.888						
$T/^\circ\text{C} = 30.0$									69M1
x_2	0.0000	0.0864	0.2096	0.2860	0.3910	0.5350	0.6125	0.6850	0.7730
$\eta/(\text{mPa s})$	1.089	1.009	0.917	0.876	0.820	0.785	0.772	0.766	0.763
x_2	0.8223	0.9303	1.0000						
$\eta/(\text{mPa s})$	0.768	0.781	0.819						
$T/^\circ\text{C} = 35.0$									69M1
x_2	0.0000	0.0864	0.2096	0.2860	0.3910	0.5350	0.6125	0.6850	0.7730
$\eta/(\text{mPa s})$	1.006	0.936	0.851	0.813	0.763	0.730	0.715	0.711	0.708
x_2	0.8223	0.9303	1.0000						
$\eta/(\text{mPa s})$	0.714	0.724	0.753						
$T/^\circ\text{C} = 40.0$									69M1
x_2	0.0000	0.0864	0.2096	0.2860	0.3910	0.5350	0.6125	0.6850	0.7730
$\eta/(\text{mPa s})$	0.934	0.869	0.792	0.756	0.709	0.676	0.665	0.660	0.660
x_2	0.8223	0.9303	1.0000						
$\eta/(\text{mPa s})$	0.663	0.673	0.698						
$T/^\circ\text{C} = 45.0$									69M1
x_2	0.0000	0.0864	0.2096	0.2860	0.3910	0.5350	0.6125	0.6850	0.7730
$\eta/(\text{mPa s})$	0.866	0.808	0.738	0.702	0.661	0.632	0.621	0.617	0.614
x_2	0.8223	0.9303	1.0000						
$\eta/(\text{mPa s})$	0.617	0.627	0.649						

1643 **C₄H₈O₂ (1)** **acetic acid ethyl ester** **141-78-6**
C₆H₁₂O (2) **cyclohexanol** **108-93-0**

$T/^\circ\text{C} = 20.0$									24W3
x_2	0.0000	0.2000	0.3333	0.4000	0.5000	0.5714	0.6666	0.8000	1.000
η/η_{water}	0.48	0.72	0.80	0.95	1.2	1.4	2.0	3.7	14.5

1644 **C₄H₈O₂ (1)** **butyric acid** **107-92-6**

	C₆H₁₂O₂ (2)		hexanoic acid				142-62-1			
$x_2 = 0.0000$										62K1
$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	95.0	
$\nu/(\text{mm}^2/\text{s})$	1.546	1.430	1.237	1.083	0.960	0.857	0.769	0.699	0.671	
$x_2 = 0.3159$										62K1
$T/^\circ\text{C}$	25.0	40.0	60.0	80.0	95.0					
$\nu/(\text{mm}^2/\text{s})$	2.050	1.568	1.183	0.925	0.783					
$x_2 = 0.6467$										62K1
$T/^\circ\text{C}$	25.0	40.0	60.0	80.0	95.0					
$\nu/(\text{mm}^2/\text{s})$	2.740	1.977	1.429	1.091	0.917					
$x_2 = 1.0000$										62K1
$T/^\circ\text{C}$	25.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	95.0	
$\nu/(\text{mm}^2/\text{s})$	3.085	2.784	2.303	1.940	1.664	1.442	1.262	1.119	1.057	
1645	C₄H₈O₂ (1) C₆H₁₂O₂ (2)		1,4-dioxane acetic acid butyl ester				123-91-1 123-86-4			
$T/\text{K} = 303.15$										96O2
x_1	0.0000	0.1002	0.1998	0.2997	0.3963	0.4977	0.6024	0.7009	0.7968	
$\eta/(\text{mPa s})$	0.6453	0.6618	0.6820	0.7051	0.7333	0.7684	0.8090	0.8590	0.9174	
x_1	0.9016	1.0000								
$\eta/(\text{mPa s})$	0.9976	1.0900								
1646	C₄H₈O₂ (1) C₆H₁₃Br (2)		1,4-dioxane 1-bromo-hexane				123-91-1 111-25-1			
$T/\text{K} = 303.15$										96O2
x_1	0.0000	0.1105	0.3021	0.4972	0.6980	0.8997	1.0000			
$\eta/(\text{mPa s})$	0.9030	0.8848	0.8777	0.9007	0.9470	1.0302	1.0900			
1647	C₄H₈O₂ (1) C₆H₁₃Cl (2)		acetic acid ethyl ester 1-chloro-hexane				141-78-6 544-10-5			
$T/\text{K} = 298.15$										95P2
x_1	0.0000	0.1012	0.2179	0.3239	0.4022	0.4898	0.5960	0.7090	0.7947	
$\nu/(\text{mm}^2/\text{s})$	0.7856	0.7447	0.7005	0.6626	0.6363	0.6080	0.5756	0.5432	0.5209	
x_1	0.8896	1.0000								
$\nu/(\text{mm}^2/\text{s})$	0.4964	0.4714								
1648	C₄H₈O₂ (1) C₆H₁₃Cl (2)		1,4-dioxane 1-chloro-hexane				123-91-1 544-10-5			

$T/K = 303.15$									96O2	
x_1	0.0000	0.1087	0.2953	0.5004	0.6974	0.9013	1.0000			
$\eta /(\text{mPa s})$	0.6544	0.6686	0.7084	0.7719	0.8637	1.0037	1.0900			
1649	C₄H₈O₂ (1) C₆H₁₄ (2)	acetic acid ethyl ester hexane						141-78-6 110-54-3		
$T/K = 303.15$									92O1	
x_1	0.0000	0.2032	0.4017	0.5013	0.5990	0.8203	1.0000			
$\eta /(\text{mPa s})$	0.2859	0.2874	0.3009	0.3117	0.3249	0.3611	0.4014			
$T/^\circ\text{C} = 20.0$									61L1	
x_1	0.0	0.2	0.5	0.8	1.0					
$\eta /(\text{mPa s})$	0.333	0.340	0.370	0.422	0.479					
1650	C₄H₈O₂ (1) C₆H₁₄ (2)	butyric acid hexane						107-92-6 110-54-3		
$T/^\circ\text{C} = 25.0$									66M1	
x_1	0.0000	0.1114	0.2352	0.4098	0.4860	0.5096	0.7611	0.9254	1.0000	
$\eta /(\text{mPa s})$	0.299	0.327	0.368	0.476	0.529	0.621	0.840	1.265	1.529	
$T/^\circ\text{C} = 40.0$									66M1	
x_1	0.0000	0.1114	0.2352	0.4098	0.4860	0.5096	0.7611	0.9254	1.0000	
$\eta /(\text{mPa s})$	0.260	0.283	0.318	0.392	0.434	0.508	0.690	1.005	1.198	
$T/^\circ\text{C} = 55.0$									66M1	
x_1	0.0000	0.1114	0.2352	0.4098	0.4860	0.5096	0.7611	0.9254	1.0000	
$\eta /(\text{mPa s})$	0.228	0.248	0.283	0.343	0.373	0.433	0.578	0.824	0.958	
1651	C₄H₈O₂ (1) C₆H₁₄ (2)	1,4-dioxane hexane						123-91-1 110-54-3		
$T/K = 303.15$									92O5	
x_1	0.0000	0.1110	0.1961	0.3001	0.4033	0.4962	0.5966	0.7169	0.8008	
$\eta /(\text{mPa s})$	0.279	0.297	0.317	0.348	0.389	0.436	0.498	0.601	0.700	
x_1	0.8988	1.0000								
$\eta /(\text{mPa s})$	0.854	1.090								
1652	C₄H₈O₂ (1) C₆H₁₄O (2)	acetic acid ethyl ester hexan-1-ol						141-78-6 111-27-3		
$T/K = 298.15$									98N2	
x_1	0.0000	0.1142	0.2247	0.3320	0.4360	0.5370	0.6350	0.7301	0.8227	

η /(mPa s)	4.574	2.832	2.006	1.472	1.128	0.900	0.736	0.618	0.539
x_1	0.9125	1.0000							
η /(mPa s)	0.470	0.424							
T /K = 303.15									98N2
x_1	0.0000	0.1142	0.2247	0.3320	0.4360	0.5370	0.6350	0.7301	0.8227
η /(mPa s)	3.781	2.481	1.775	1.334	1.027	0.824	0.692	0.574	0.506
x_1	0.9125	1.0000							
η /(mPa s)	0.448	0.400							
T /K = 308.15									98N2
x_1	0.0000	0.1142	0.2247	0.3320	0.4360	0.5370	0.6350	0.7301	0.8227
η /(mPa s)	3.252	2.181	1.582	1.200	0.942	0.760	0.591	0.541	0.475
x_1	0.9125	1.0000							
η /(mPa s)	0.419	0.385							
1653	C₄H₈O₂ (1) C₆H₁₄O₂ (2)		acetic acid ethyl ester 2-butoxy-ethanol						141-78-6 111-76-2
T /K = 308.15									96V1
x_1	0.0000	0.1310	0.2036	0.3018	0.4131	0.5282	0.5729	0.6730	0.7714
η /(mPa s)	2.1106	1.6789	1.4711	1.2165	1.0127	0.8258	0.7749	0.6762	0.5940
x_1	0.9217	1.0000							
η /(mPa s)	0.5055	0.4776							
1654	C₄H₈O₂ (1) C₆H₁₄O₃ (2)		acetic acid ethyl ester 1-methoxy-2-(2-methoxy-ethoxy)-ethane						141-78-6 111-96-6
T /K = 298.15									96A5
x_2	0.20	0.35	0.50	0.65	0.80				
η /(mPa s)	0.527	0.608	0.690	0.779	0.867				
T /K = 298.15									94A5
x_1	0.0000	0.1016	0.2005	0.3016	0.4007	0.4999	0.6005	0.6994	0.8013
η /(mPa s)	0.430	0.477	0.527	0.579	0.633	0.690	0.748	0.815	0.867
x_1	0.8999	1.0000							
η /(mPa s)	0.920	0.973							
T /K = 303.15									94A5
x_1	0.0000	0.1016	0.2005	0.3016	0.4007	0.4999	0.6005	0.6994	0.8013
η /(mPa s)	0.407	0.451	0.497	0.546	0.594	0.645	0.698	0.750	0.807
x_1	0.8999	1.0000							
η /(mPa s)	0.854	0.904							
T /K = 308.15									94A5

x_1	0.0000	0.1016	0.2005	0.3016	0.4007	0.4999	0.6005	0.6994	0.8013
$\eta /(\text{mPa s})$	0.387	0.428	0.469	0.513	0.558	0.604	0.653	0.706	0.748
x_1	0.8999	1.0000							
$\eta /(\text{mPa s})$	0.794	0.839							
$T/\text{K} = 313.15$									94A5
x_1	0.0000	0.1016	0.2005	0.3016	0.4007	0.4999	0.6005	0.6994	0.8013
$\eta /(\text{mPa s})$	0.368	0.406	0.445	0.485	0.526	0.569	0.612	0.659	0.700
x_1	0.8999	1.0000							
$\eta /(\text{mPa s})$	0.740	0.781							
$T/\text{K} = 318.15$									94A5
x_1	0.0000	0.1016	0.2005	0.3016	0.4007	0.4999	0.6005	0.6994	0.8013
$\eta /(\text{mPa s})$	0.350	0.385	0.421	0.459	0.496	0.535	0.575	0.616	0.653
x_1	0.8999	1.0000							
$\eta /(\text{mPa s})$	0.689	0.728							

1655 **C₄H₈O₂ (1)** **acetic acid ethyl ester** **141-78-6**
C₇H₇Cl (2) **1-chloro-4-methyl-benzene** **106-43-4**

$T/\text{K} = 293.15$									96P5
x_1	0.0000	0.1173	0.2313	0.3409	0.4471	0.5460	0.6425	0.7318	0.8281
$\eta /(\text{mPa s})$	0.8893	0.8411	0.7933	0.7478	0.7001	0.6551	0.6092	0.5667	0.5273
x_1	0.9153	1.0000							
$\eta /(\text{mPa s})$	0.4918	0.4544							
$T/\text{K} = 298.15$									96P5
x_1	0.0000	0.1173	0.2313	0.3409	0.4471	0.5460	0.6425	0.7318	0.8281
$\eta /(\text{mPa s})$	0.8348	0.7911	0.7453	0.7018	0.6564	0.6148	0.5738	0.5358	0.5005
x_1	0.9153	1.0000							
$\eta /(\text{mPa s})$	0.4628	0.4297							
$T/\text{K} = 303.15$									96P5
x_1	0.0000	0.1173	0.2313	0.3409	0.4471	0.5460	0.6425	0.7318	0.8281
$\eta /(\text{mPa s})$	0.7854	0.7445	0.7015	0.6604	0.6192	0.5800	0.5419	0.5071	0.4714
x_1	0.9153	1.0000							
$\eta /(\text{mPa s})$	0.4380	0.4071							

1656 **C₄H₈O₂ (1)** **acetic acid ethyl ester** **141-78-6**
C₇H₈ (2) **toluene** **108-88-3**

$T/^\circ\text{C} = 20.0$									88W3
x_2	0.0000	0.0929	0.1873	0.2832	0.3806	0.4797	0.5803	0.6826	0.7867
$\eta /(\text{mPa s})$	0.4483	0.4583	0.4698	0.4818	0.4920	0.5040	0.5158	0.5281	0.5409
x_2	0.8924	1.0000							

η /(mPa s)	0.5550	0.5841							
$T/^\circ\text{C} = 25.0$									
x_2	0.0000	0.0929	0.1873	0.2832	0.3806	0.4797	0.5803	0.6826	0.7867
η /(mPa s)	0.4135	0.4223	0.4332	0.4447	0.4572	0.4700	0.4840	0.4990	0.5145
x_2	0.8924	1.0000							
η /(mPa s)	0.5305	0.5516							
$T/^\circ\text{C} = 30.0$									
x_2	0.0000	0.0929	0.1873	0.2832	0.3806	0.4797	0.5803	0.6826	0.7867
η /(mPa s)	0.4010	0.4061	0.4133	0.4220	0.4317	0.4428	0.4548	0.4677	0.4817
x_2	0.8924	1.0000							
η /(mPa s)	0.4997	0.5209							
$T/\text{K} = 313.15$									
x_1	0.0000	0.0539	0.2080	0.4090	0.5069	0.6057	0.8004	0.9543	1.0000
η /(mPa s)	0.469	0.463	0.444	0.423	0.412	0.403	0.386	0.373	0.369
$T/\text{K} = 298.15$									
x_1	0.0000	0.1426	0.3095	0.4865	0.6635	0.8764	1.0000		
ν /(mm ² /s)	0.6345	0.6041	0.5736	0.5433	0.5150	0.4846	0.4714		

1657	C₄H₈O₂ (1) C₇H₈ (2)	1,4-dioxane toluene							123-91-1 108-88-3
$T/\text{K} = 303.15$									
x_1	0.0000	0.1001	0.2013	0.2960	0.3948	0.5046	0.5993	0.7003	0.7956
η /(mPa s)	0.6407	0.6334	0.6394	0.6530	0.6802	0.7196	0.7612	0.8213	0.8868
x_1	0.8960	1.0000							
η /(mPa s)	0.9775	1.0900							
$T/\text{K} = 303.15$									
x_1	0.0000	0.0992	0.1993	0.2925	0.3999	0.4961	0.5981	0.6985	0.8009
η /(mPa s)	0.520	0.556	0.591	0.628	0.676	0.623	0.778	0.843	0.918
x_1	0.8967	1.0000							
η /(mPa s)	0.998	1.090							

1658	C₄H₈O₂ (1) C₇H₈O (2)	1,4-dioxane methoxybenzene							123-91-1 100-66-3
$T/\text{K} = 298.15$									
x_2	0.0000	0.0973	0.1993	0.3019	0.4003	0.4999	0.5976	0.7024	0.7992
η /(mPa s)	1.1552	1.1539	1.1360	1.1051	1.0942	1.0735	1.0603	1.0484	1.0311
x_2	0.9003	1.0000							
η /(mPa s)	1.0189	0.9912							

$T/K = 303.15$									91A2
x_2	0.0000	0.0973	0.1993	0.3019	0.4003	0.4999	0.5976	0.7024	0.7992
$\eta /(\text{mPa s})$	1.0616	1.0626	1.0402	1.0213	1.0110	0.9939	0.9830	0.9723	0.7564
x_2	0.9003	1.0000							
$\eta /(\text{mPa s})$	0.9451	0.9196							
$T/K = 308.15$									91A2
x_2	0.0000	0.0973	0.1993	0.3019	0.4003	0.4999	0.5976	0.7024	0.7992
$\eta /(\text{mPa s})$	0.9779	0.9679	0.9633	0.9435	0.9342	0.9209	0.9122	0.9001	0.8851
x_2	0.9003	1.0000							
$\eta /(\text{mPa s})$	0.8765	0.8533							
$T/K = 313.15$									91A2
x_2	0.0000	0.0973	0.1993	0.3019	0.4003	0.4999	0.5976	0.7024	0.7992
$\eta /(\text{mPa s})$	0.9025	0.9021	0.8956	0.8729	0.8659	0.8540	0.8465	0.8338	0.8226
x_2	0.9003	1.0000							
$\eta /(\text{mPa s})$	0.8129	0.7926							
1659	C₄H₈O₂ (1) C₇H₈O (2)		1,4-dioxane 4-methyl-phenol						123-91-1 106-44-5
$T/K = 303.15$									95U1
x_2	0.0000	0.0835	0.1701	0.2600	0.3534	0.4504	0.5515	0.6567	0.7663
$\eta /(\text{mPa s})$	1.0537	1.3351	1.4758	1.7524	2.1645	2.7978	3.6505	4.7835	6.4128
x_2	0.8807	1.0000							
$\eta /(\text{mPa s})$	8.2610	10.0700							
$T/K = 308.15$									95U1
x_2	0.0000	0.0835	0.1701	0.2600	0.3534	0.4504	0.5515	0.6567	0.7663
$\eta /(\text{mPa s})$	0.9469	1.1841	1.3195	1.5633	1.8871	2.4733	3.1082	4.0904	5.2758
x_2	0.8807	1.0000							
$\eta /(\text{mPa s})$	5.7041	7.7410							
$T/K = 313.15$									95U1
x_2	0.0000	0.0835	0.1701	0.2600	0.3534	0.4504	0.5515	0.6567	0.7663
$\eta /(\text{mPa s})$	0.8726	1.0972	1.2010	1.4218	1.7097	2.1746	2.7326	3.5239	4.4919
x_2	0.8807	1.0000							
$\eta /(\text{mPa s})$	5.7041	6.2160							
$T/K = 318.15$									95U1
x_2	0.0000	0.0835	0.1701	0.2600	0.3534	0.4504	0.5515	0.6567	0.7663
$\eta /(\text{mPa s})$	0.8128	0.9967	1.1058	1.2887	1.5418	1.9636	2.4087	3.6738	3.8043
x_2	0.8807	1.0000							
$\eta /(\text{mPa s})$	4.8343	5.2920							

1660	C₄H₈O₂ (1) C₇H₈O (2)		1,4-dioxane phenylmethanol						123-91-1 100-51-6
$T/^\circ\text{C} = 30.0$									90P1
x_2	0.0000	0.2010	0.2986	0.4001	0.4991	0.7017	0.9009	1.0000	
$\eta/(\text{mPa s})$	1.087	1.398	1.609	1.842	2.149	2.975	4.030	4.654	
$T/^\circ\text{C} = 35.0$									90P1
x_2	0.0000	0.2010	0.2986	0.4001	0.4991	0.7017	0.9009	1.0000	
$\eta/(\text{mPa s})$	1.012	1.288	1.456	1.679	1.920	2.615	3.540	4.045	
$T/^\circ\text{C} = 40.0$									90P1
x_2	0.0000	0.2010	0.2986	0.4001	0.4991	0.7017	0.9009	1.0000	
$\eta/(\text{mPa s})$	0.920	1.178	1.385	1.553	1.797	2.387	3.199	3.614	
1661	C₄H₈O₂ (1) C₇H₉N (2)		butanoic acid N-methyl-aniline						107-92-6 100-61-8
$T/^\circ\text{C} = 25.0$									50A1
x_2	0.0000	0.0856	0.1756	0.2641	0.3625	0.4571	0.5624	0.6615	0.7763
$\eta/(\text{mPa s})$	1.57	2.31	3.00	3.47	3.55	3.43	3.16	2.86	2.56
x_2	0.8798	1.0000							
$\eta/(\text{mPa s})$	2.32	1.98							
1662	C₄H₈O₂ (1) C₇H₉N (2)		butyric acid 2-methyl-aniline						107-92-6 95-53-4
$T/^\circ\text{C} = 25.0$									36A1
x_2	0.0670	0.1773	0.2663	0.3599	0.4598	0.5632	0.6677	0.7719	0.8805
$\eta/(\text{mPa s})$	2.36	3.81	4.81	5.89	5.94	5.27	4.84	4.41	3.98
x_2	1.0000								
$\eta/(\text{mPa s})$	3.39								
1663	C₄H₈O₂ (1) C₇H₉N (2)		butyric acid 3-methyl-aniline						107-92-6 108-44-1
$T/^\circ\text{C} = 25.0$									36A1
x_2	0.0889	0.1718	0.2650	0.3627	0.4589	0.5637	0.6656	0.7722	0.8777
$\eta/(\text{mPa s})$	2.78	5.03	7.55	8.51	8.06	6.71	5.59	4.60	3.64
x_2	1.0000								
$\eta/(\text{mPa s})$	2.94								
1664	C₄H₈O₂ (1) C₇H₁₄O₂ (2)		acetic acid ethyl ester acetic acid pentyl ester						141-78-6 628-63-7

$T/^\circ\text{C} = 11.0$										14K1
x_1	0.000	0.500	0.794							
η/η_{water}	1.240	0.748	0.605							
1665	C₄H₈O₂ (1) C₇H₁₄O₂ (2)	1,4-dioxane acetic acid pentyl ester						123-91-1 628-63-7		
$T/\text{K} = 303.15$										96O2
x_1	0.0000	0.0981	0.2981	0.5050	0.7018	0.9003	1.0000			
$\eta/(\text{mPa s})$	0.7573	0.7721	0.8134	0.8719	0.9452	1.0368	1.0900			
1666	C₄H₈O₂ (1) C₇H₁₆ (2)	acetic acid ethyl ester heptane						141-78-6 142-82-5		
$T/^\circ\text{C} = 22.5$										77V1
x_1	0.0000	0.0713	0.1748	0.2448	0.3468	0.4832	0.4946	0.5009	0.5867	
$\eta/(\text{mPa s})$	0.397	0.391	0.385	0.382	0.382	0.383	0.381	0.382	0.387	
x_1	0.6508	0.7653	0.8485	0.8885	1.0000					
$\eta/(\text{mPa s})$	0.392	0.403	0.413	0.420	0.437					
$T/^\circ\text{C} = 25.0$										78D1
x_1	0.0000	0.2338	0.2761	0.3371	0.4327	0.5042	0.6040	0.7180	0.7920	
$\nu/(\text{mm}^2/\text{s})$	0.579	0.532	0.526	0.518	0.508	0.501	0.494	0.488	0.486	
x_1	0.8810	0.9380	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.485	0.486	0.490							
1667	C₄H₈O₂ (1) C₇H₁₆ (2)	propionic acid methyl ester heptane						554-12-1 142-82-5		
$T/\text{K} = 308.15$										99S1
x_1	0.0000	0.0447	0.1083	0.1932	0.3018	0.4146	0.5227	0.5693	0.7002	
$\eta/(\text{mPa s})$	0.353	0.354	0.355	0.358	0.362	0.369	0.377	0.381	0.395	
x_1	0.7986	0.9016	0.9509	1.0000						
$\eta/(\text{mPa s})$	0.407	0.421	0.429	0.437						
$T/\text{K} = 318.15$										99S1
x_1	0.0000	0.0447	0.1083	0.1932	0.3018	0.4146	0.5227	0.5693	0.7002	
$\eta/(\text{mPa s})$	0.320	0.322	0.326	0.332	0.340	0.349	0.359	0.363	0.377	
x_1	0.7986	0.9016	0.9509	1.0000						
$\eta/(\text{mPa s})$	0.389	0.402	0.409	0.416						
$T/^\circ\text{C} = 25.0$										78D1
x_1	0.0000	0.2311	0.2985	0.4150	0.4699	0.5155	0.5733	0.6268	0.6803	
$\nu/(\text{mm}^2/\text{s})$	0.573	0.527	0.518	0.504	0.498	0.494	0.490	0.486	0.483	

x_1	0.6913	0.7706	0.8700	0.9310	1.0000
$\nu / (\text{mm}^2/\text{s})$	0.483	0.479	0.475	0.478	0.481

1668 **C₄H₈O₂ (1)** **acetic acid ethyl ester** **141-78-6**
C₇H₁₆O (2) **heptan-1-ol** **111-70-6**

$T/\text{K} = 298.15$ 98N2

x_1	0.0000	0.1277	0.2478	0.3609	0.4677	0.5686	0.6673	0.7546	0.8406
$\eta / (\text{mPa s})$	5.937	3.587	2.423	1.721	1.284	1.000	0.823	0.663	0.569

x_1	0.9222	1.0000
$\eta / (\text{mPa s})$	0.510	0.424

$T/\text{K} = 303.15$ 98N2

x_1	0.0000	0.1277	0.2478	0.3609	0.4677	0.5686	0.6673	0.7546	0.8406
$\eta / (\text{mPa s})$	4.995	3.130	2.144	1.543	1.184	0.914	0.752	0.627	0.529

x_1	0.9222	1.0000
$\eta / (\text{mPa s})$	0.473	0.400

$T/\text{K} = 308.15$ 98N2

x_1	0.0000	0.1277	0.2478	0.3609	0.4677	0.5686	0.6673	0.7546	0.8406
$\eta / (\text{mPa s})$	4.175	2.724	1.904	1.410	1.065	0.839	0.696	0.576	0.496

x_1	0.9222	1.0000
$\eta / (\text{mPa s})$	0.462	0.385

1669 **C₄H₈O₂ (1)** **1,4-dioxane** **123-91-1**
C₈H₈ (2) **vinylbenzene** **100-42-5**

$T/\text{K} = 298.15$ 98A5

x_2	0.0000	0.1012	0.2139	0.2989	0.3996	0.5054	0.6016	0.7019	0.8050
$\eta / (\text{mPa s})$	1.178	1.119	1.069	1.043	1.005	0.966	0.929	0.891	0.853

x_2	0.9021	1.0000
$\eta / (\text{mPa s})$	0.819	0.708

$T/\text{K} = 303.15$ 98A5

x_2	0.0000	0.1012	0.2139	0.2989	0.3996	0.5054	0.6016	0.7019	0.8050
$\eta / (\text{mPa s})$	1.086	1.034	0.987	0.959	0.929	0.893	0.873	0.829	0.795

x_2	0.9021	1.0000
$\eta / (\text{mPa s})$	0.766	0.663

$T/\text{K} = 308.15$ 98A5

x_2	0.0000	0.1012	0.2139	0.2989	0.3996	0.5054	0.6016	0.7019	0.8050
$\eta / (\text{mPa s})$	0.999	0.957	0.915	0.889	0.862	0.830	0.802	0.774	0.744

x_2	0.9021	1.0000
$\eta / (\text{mPa s})$	0.716	0.623

1670	C₄H₈O₂ (1)	C₈H₁₀ (2)	acetic acid ethyl ester						141-78-6
			1,2-dimethyl-benzene						95-47-6
<i>T/K</i> = 303.15									88O2
<i>x</i> ₁	0.0000	0.0599	0.1789	0.2918	0.4303	0.4994	0.5537	0.6001	0.6951
<i>η</i> /(mPa s)	0.702	0.679	0.638	0.601	0.557	0.535	0.520	0.507	0.483
<i>x</i> ₁	0.7859	0.8730	0.9583	1.0000					
<i>η</i> /(mPa s)	0.457	0.437	0.414	0.403					
<i>T/K</i> = 313.15									88O2
<i>x</i> ₁	0.0000	0.2056	0.4079	0.5023	0.5988	0.8018	1.0000		
<i>η</i> /(mPa s)	0.627	0.565	0.508	0.483	0.459	0.411	0.369		
<i>T/K</i> = 313.15									88R5
<i>x</i> ₁	0.0000	0.1789	0.2056	0.4079	0.5023	0.5988	0.8018	0.9583	1.0000
<i>η</i> /(mPa s)	0.627	0.573	0.565	0.508	0.483	0.459	0.411	0.378	0.369
<i>T/K</i> = 298.15									95P2
<i>x</i> ₁	0.0000	0.1374	0.3296	0.4938	0.6954	0.8611	1.0000		
<i>v</i> /(mm ² /s)	0.8542	0.7866	0.7030	0.6376	0.5644	0.5101	0.4714		
<i>T/K</i> = 313.15									88R5
<i>x</i> ₁	0.0000	0.1789	0.2056	0.4079	0.5023	0.5988	0.8018	0.9583	1.0000
<i>v</i> /(mm ² /s)	0.726	0.662	0.653	0.585	0.556	0.528	0.471	0.431	0.421
1671	C₄H₈O₂ (1)	C₈H₁₀ (2)	acetic acid ethyl ester						141-78-6
			1,4-dimethyl-benzene						106-42-3
<i>T/ °C</i> = 20.0									88N1
<i>x</i> ₂	0.0000	0.0810	0.1655	0.2537	0.3459	0.4424	0.5434	0.6493	0.7604
<i>η</i> /(mPa s)	0.4497	0.4557	0.4658	0.4756	0.4856	0.5067	0.5280	0.5528	0.5791
<i>x</i> ₂	0.8771	1.0000							
<i>η</i> /(mPa s)	0.6068	0.6427							
<i>T/ °C</i> = 30.0									88N1
<i>x</i> ₂	0.0000	0.0810	0.1655	0.2537	0.3459	0.4424	0.5434	0.6493	0.7604
<i>η</i> /(mPa s)	0.4171	0.4188	0.4283	0.4378	0.4490	0.4635	0.4801	0.5007	0.5223
<i>x</i> ₂	0.8771	1.0000							
<i>η</i> /(mPa s)	0.5408	0.5770							
<i>T/ °C</i> = 40.0									88N1
<i>x</i> ₂	0.0000	0.0810	0.1655	0.2537	0.3459	0.4424	0.5434	0.6493	0.7604
<i>η</i> /(mPa s)	0.3624	0.3638	0.3719	0.3816	0.3928	0.4068	0.4207	0.4385	0.4582
<i>x</i> ₂	0.8771	1.0000							
<i>η</i> /(mPa s)	0.4782	0.5100							

$T/K = 303.15$										88O2
x_1	0.0000	0.0624	0.1828	0.2938	0.4031	0.5056	0.5520	0.6041	0.6976	
$\eta /(\text{mPa s})$	0.564	0.555	0.534	0.516	0.498	0.481	0.474	0.465	0.450	
x_1	0.7887	0.8757	0.9585	1.0000						
$\eta /(\text{mPa s})$	0.436	0.423	0.411	0.403						
$T/K = 313.15$										88O2
x_1	0.0000	0.2063	0.4077	0.5061	0.5991	0.8016	1.0000			
$\eta /(\text{mPa s})$	0.513	0.481	0.450	0.435	0.423	0.395	0.369			
$T/K = 313.15$										88R5
x_1	0.0000	0.1645	0.2063	0.4077	0.5061	0.5991	0.8016	0.9585	1.0000	
$\eta /(\text{mPa s})$	0.513	0.487	0.481	0.450	0.436	0.422	0.395	0.374	0.369	
$T/K = 313.15$										88R5
x_1	0.0000	0.1645	0.2063	0.4077	0.5061	0.5991	0.8016	0.9585	1.0000	
$\nu /(\text{mm}^2/\text{s})$	0.608	0.574	0.566	0.526	0.507	0.491	0.455	0.428	0.421	
1672	C₄H₈O₂ (1) C₈H₁₀ (2)		1,4-dioxane 1,4-dimethyl-benzene							123-91-1 106-42-3
$T/K = 303.15$										96O2
x_1	0.0000	0.0997	0.1975	0.3004	0.3991	0.5041	0.5999	0.7030	0.7976	
$\eta /(\text{mPa s})$	0.5669	0.6005	0.6365	0.6742	0.7184	0.7664	0.8195	0.8792	0.9400	
x_1	0.8972	1.0000								
$\eta /(\text{mPa s})$	1.0105	1.0900								
1673	C₄H₈O₂ (1) C₈H₁₀ (2)		acetic acid ethyl ester ethylbenzene							141-78-6 100-41-4
$T/K = 313.15$										87R2
x_1	0.0000	0.0536	0.2061	0.4041	0.5015	0.6034	0.7991	0.9342	1.0000	
$\eta /(\text{mPa s})$	0.530	0.520	0.493	0.460	0.443	0.427	0.397	0.379	0.369	
1674	C₄H₈O₂ (1) C₈H₁₁N (2)		butanoic acid N,N-dimethyl-aniline							107-92-6 121-69-7
$T/^\circ\text{C} = 25.0$										50A1
x_2	0.0000	0.0752	0.1527	0.2380	0.3238	0.4210	0.5216	0.6289	0.7432	
$\eta /(\text{mPa s})$	1.57	1.88	2.04	2.11	2.06	1.97	1.81	1.69	1.56	
x_2	0.8681	1.0000								
$\eta /(\text{mPa s})$	1.44	1.29								

1675	C₄H₈O₂ (1) C₈H₁₁N (2)		butanoic acid N-ethyl-aniline						107-92-6 103-69-5
$T/^\circ\text{C} = 25.0$									50A1
x_2	0.0000	0.0751	0.1539	0.2385	0.3265	0.4217	0.5231	0.6330	0.7412
$\eta /(\text{mPa s})$	1.57	2.57	3.69	4.40	4.53	4.20	3.73	3.17	2.74
x_2	0.8690	1.0000							
$\eta /(\text{mPa s})$	2.30	1.94							
1676	C₄H₈O₂ (1) C₈H₁₃N (2)		butanoic acid 3-ethyl-2,4-dimethyl-1H-pyrrole						107-92-6 517-22-6
$T/^\circ\text{C} = 20.0$									38D1
x_1	0.00	0.30	0.50	0.70	1.00				
$\eta /(\text{mPa s})$	14.05	9.62	7.21	4.92	1.62				
1677	C₄H₈O₂ (1) C₈H₁₄O₄ (2)		acetic acid ethyl ester butanedioic acid diethyl ester						141-78-6 123-25-1
$T/^\circ\text{C} = 12.0$									14K1
x_1	0.000	0.100	0.250	0.375	0.500	0.750	1.000		
$\eta / \eta_{\text{water}}$	2.696	2.416	1.763	1.526	1.190	0.7959	0.5320		
$T/^\circ\text{C} = 64.0$									14K1
x_1	0.000	0.100	0.250	0.375	0.500	0.750	1.000		
$\eta / \eta_{\text{water}}$	1.882	1.734	1.542	1.434	1.277	1.019	0.7405		
1678	C₄H₈O₂ (1) C₈H₁₆ (2)		acetic acid ethyl ester 1,2-dimethyl-cyclohexane (mixture of <i>cis</i> and <i>trans</i>)						141-78-6 583-57-3
$T/\text{K} = 298.15$									95P2
x_1	0.0000	0.0855	0.2101	0.3261	0.3929	0.4945	0.5983	0.6802	0.7970
$\nu /(\text{mm}^2/\text{s})$	1.154	1.046	0.9044	0.8015	0.7510	0.6838	0.6248	0.5840	0.5342
x_1	0.8950	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4996	0.4714							
1679	C₄H₈O₂ (1) C₈H₁₈ (2)		propionic acid methyl ester octane						554-12-1 111-65-9
$T/^\circ\text{C} = 15.0$									78D1
x_1	0.0000	0.3674	0.4087	0.4606	0.5091	0.5689	0.6447	0.7438	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.816	0.674	0.662	0.648	0.635	0.621	0.603	0.582	0.542
1680	C₄H₈O₂ (1)		acetic acid ethyl ester						141-78-6

C₈H₁₈O (2)		octan-1-ol						111-87-5	
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.1410	0.2701	0.3878	0.4964	0.5965	0.6891	0.7641	0.8552
η /(mPa s)	7.368	4.383	2.825	1.985	1.449	1.088	0.841	0.712	0.585
<i>x</i> ₁	0.9301	1.0000							
η /(mPa s)	0.496	0.424							
<i>T</i> /K = 303.15									
<i>x</i> ₁	0.0000	0.1410	0.2701	0.3878	0.4964	0.5965	0.6891	0.7641	0.8552
η /(mPa s)	6.120	3.809	2.512	1.777	1.292	0.992	0.798	0.653	0.542
<i>x</i> ₁	0.9301	1.0000							
η /(mPa s)	0.468	0.400							
<i>T</i> /K = 308.15									
<i>x</i> ₁	0.0000	0.1410	0.2701	0.3878	0.4964	0.5965	0.6891	0.7641	0.8552
η /(mPa s)	5.352	3.324	2.215	1.596	1.152	0.907	0.724	0.606	0.510
<i>x</i> ₁	0.9301	1.0000							
η /(mPa s)	0.446	0.385							
1681		C₄H₈O₂ (1)	acetic acid ethyl ester				141-78-6		
		C₉H₁₀O₂ (2)	benzoic acid ethyl ester				93-89-0		
<i>T</i> /°C = 25.0									
<i>x</i> ₁	0.0000	0.1216	0.2088	0.3131	0.3973	0.5044	0.5998	0.6989	0.7977
η /(mPa s)	2.014	1.704	1.514	1.292	1.157	0.9851	0.8478	0.7247	0.6178
<i>x</i> ₁	0.8992	1.0000							
η /(mPa s)	0.5188	0.4239							
<i>T</i> /°C = 12.0									
<i>x</i> ₁	0.000	0.250	0.600	0.750	1.000				
η/η_{water}	2.086	1.456	1.288	0.726	0.532				
<i>T</i> /°C = 64.0									
<i>x</i> ₁	0.000	0.250	0.750	1.000					
η/η_{water}	1.692	1.422	0.939	0.745					
1682		C₄H₈O₂ (1)	1,4-dioxane				123-91-1		
		C₉H₁₀O₂ (2)	acetic acid benzyl ester				140-11-4		
<i>T</i> /°C = 40.0									
<i>x</i> ₂	0.000	0.200	0.300	0.380	0.520	0.645	0.748	0.875	1.000
η /(mPa s)	0.6256	0.7250	0.8024	0.8570	0.9581	1.0602	1.1470	1.2333	1.3525
1683		C₄H₈O₂ (1)	1,4-dioxane				123-91-1		

		C₉H₁₂ (2)	isopropylbenzene						98-82-8
<i>T/K</i> = 293.15									89P2
<i>x</i> ₂	0.0000	0.1003	0.2529	0.2987	0.3862	0.4505	0.6013	0.7519	0.8119
<i>η</i> /(mPa s)	1.306	1.218	1.107	1.078	1.028	0.997	0.930	0.871	0.850
<i>x</i> ₂	0.8952	1.0000							
<i>η</i> /(mPa s)	0.822	0.790							
<i>T/K</i> = 298.15									89P2
<i>x</i> ₂	0.0000	0.1003	0.2529	0.2987	0.3862	0.4505	0.6013	0.7519	0.8119
<i>η</i> /(mPa s)	1.193	1.114	1.012	0.985	0.940	0.913	0.855	0.802	0.783
<i>x</i> ₂	0.8952	1.0000							
<i>η</i> /(mPa s)	0.758	0.728							
<i>T/K</i> = 303.15									89P2
<i>x</i> ₂	0.0000	0.1003	0.2529	0.2987	0.3862	0.4505	0.6013	0.7519	0.8119
<i>η</i> /(mPa s)	1.097	1.027	0.939	0.916	0.876	0.831	0.800	0.754	0.742
<i>x</i> ₂	0.8952	1.0000							
<i>η</i> /(mPa s)	0.716	0.689							
<i>T/K</i> = 308.15									89P2
<i>x</i> ₂	0.0000	0.1003	0.2529	0.2987	0.3862	0.4505	0.6013	0.7519	0.8119
<i>η</i> /(mPa s)	1.026	0.962	0.883	0.862	0.824	0.801	0.754	0.712	0.694
<i>x</i> ₂	0.8952	1.0000							
<i>η</i> /(mPa s)	0.675	0.650							
1684	C₄H₈O₂ (1) C₉H₁₂ (2)		1,4-dioxane propylbenzene						123-91-1 103-65-1
<i>T/K</i> = 303.15									96O2
<i>x</i> ₁	0.0000	0.1061	0.1984	0.2968	0.3990	0.4945	0.5985	0.7003	0.8026
<i>η</i> /(mPa s)	0.7500	0.7763	0.8007	0.8298	0.8589	0.8922	0.9278	0.9648	1.0048
<i>x</i> ₁	0.9025	1.0000							
<i>η</i> /(mPa s)	1.0454	1.0900							
1685	C₄H₈O₂ (1) C₉H₁₂ (2)		2-methyl-propanoic acid isopropylbenzene						79-31-2 98-82-8
<i>T/K</i> = 283.15									89M3
<i>x</i> ₁	0.0000	0.1999	0.4204	0.6011	0.8002	1.0000			
<i>η</i> /(mPa s)	0.9309	0.9311	1.0721	1.1268	1.2904	1.6129			
<i>T/K</i> = 303.15									89M3
<i>x</i> ₁	0.0000	0.1998	0.3992	0.5999	0.8001	1.0000			
<i>η</i> /(mPa s)	0.7036	0.7381	0.7891	0.8584	0.9900	1.1639			

1686	C₄H₈O₂ (1)		acetic acid ethyl ester						141-78-6	
	C₉H₂₀O (2)		3,5,5-trimethyl-hexan-1-ol						3452-97-9	
<i>T</i> /K = 298.15										
<i>x</i> ₁	0.0000	0.1539	0.2904	0.4122	0.5219	0.6208	0.7106	0.7925	0.8677	
<i>η</i> /(mPa s)	10.430	5.471	3.367	2.072	1.443	1.075	0.879	0.672	0.574	
<i>x</i> ₁	0.9364	1.0000								
<i>η</i> /(mPa s)	0.486	0.424								
<i>T</i> /K = 303.15										
<i>x</i> ₁	0.0000	0.1539	0.2904	0.4122	0.5219	0.6208	0.7106	0.7925	0.8677	
<i>η</i> /(mPa s)	10.971	4.696	2.968	1.837	1.305	0.975	0.789	0.631	0.526	
<i>x</i> ₁	0.9364	1.0000								
<i>η</i> /(mPa s)	0.475	0.400								
<i>T</i> /K = 308.15										
<i>x</i> ₁	0.0000	0.1539	0.2904	0.4122	0.5219	0.6208	0.7106	0.7925	0.8677	
<i>η</i> /(mPa s)	9.608	4.016	2.452	1.646	1.181	0.934	0.724	0.586	0.495	
<i>x</i> ₁	0.9364	1.0000								
<i>η</i> /(mPa s)	0.438	0.385								
1687	C₄H₈O₂ (1)		butyric acid						107-92-6	
	C₁₀H₁₄N₂ (2)		(S)-(-)-nicotine						54-11-5	
<i>T</i> /°C = 25.0										
<i>x</i> ₂	0.0000	0.0990	0.1992	0.2139	0.2277	0.2340	0.2478	0.2707	0.2993	
<i>η</i> /(mPa s)	1.4691	11.7410	48.6918	52.3870	53.8238	53.9675	54.2007	53.8677	50.766	
<i>x</i> ₂	0.3872	0.5011	0.6081	0.6970	0.8040	0.8928	1.0000			
<i>η</i> /(mPa s)	29.6106	17.5547	11.6317	8.4040	6.2651	5.1919	3.8942			
<i>T</i> /°C = 50.0										
<i>x</i> ₂	0.0000	0.0990	0.1992	0.2139	0.2277	0.2340	0.2478	0.2707	0.2993	
<i>η</i> /(mPa s)	0.9885	5.1881	14.2394	14.8951	15.0436	15.1308	14.9924	14.8904	13.902	
<i>x</i> ₂	0.3872	0.5011	0.6081	0.6970	0.8040	0.8928	1.0000			
<i>η</i> /(mPa s)	9.4601	6.4646	4.4621	3.7664	2.9829	2.5789	2.0376			
<i>T</i> /°C = 75.0										
<i>x</i> ₂	0.0000	0.0990	0.1992	0.2139	0.2277	0.2340	0.2478	0.2707	0.2993	
<i>η</i> /(mPa s)	0.7283	2.8001	5.7201	5.8716	5.9487	5.9923	5.9179	5.8579	5.6875	
<i>x</i> ₂	0.3872	0.5011	0.6081	0.6970	0.8040	0.8928	1.0000			
<i>η</i> /(mPa s)	4.0824	3.0825	2.3594	2.0727	1.7335	1.5396	1.2626			
1688	C₄H₈O₂ (1)		butanoic acid						107-92-6	
	C₁₀H₁₅N (2)		N,N-diethyl-aniline						91-66-7	

$T/^\circ\text{C} = 25.0$										50A1
x_2	0.0000	0.0603	0.1280	0.1976	0.2748	0.3674	0.4623	0.5702	0.6942	
$\eta /(\text{mPa s})$	1.57	2.82	5.31	6.12	5.80	4.97	3.86	3.10	2.55	
x_2	0.8349	1.0000								
$\eta /(\text{mPa s})$	2.16	1.93								
1689	C₄H₈O₂ (1) C₁₀H₂₂ (2)		acetic acid ethyl ester decane							141-78-6 124-18-5
$T/^\circ\text{C} = 25.0$										78D1
x_1	0.0000	0.4137	0.4621	0.5232	0.5684	0.6639	0.7384	0.7980	0.8680	
$\nu /(\text{mm}^2/\text{s})$	1.158	0.818	0.786	0.746	0.718	0.662	0.620	0.586	0.550	
x_1	0.9520	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.510	0.489								
1690	C₄H₈O₂ (1) C₁₀H₂₂O (2)		acetic acid ethyl ester decan-1-ol							141-78-6 112-30-1
$T/\text{K} = 298.15$										98N2
x_1	0.0000	0.1664	0.3099	0.4348	0.5450	0.6423	0.7293	0.8073	0.8778	
$\eta /(\text{mPa s})$	11.567	6.200	3.758	2.442	1.698	1.238	0.936	0.809	0.657	
x_1	0.9418	1.0000								
$\eta /(\text{mPa s})$	0.521	0.424								
$T/\text{K} = 303.15$										98N2
x_1	0.0000	0.1664	0.3099	0.4348	0.5450	0.6423	0.7293	0.8073	0.8778	
$\eta /(\text{mPa s})$	9.652	5.263	3.279	2.171	1.533	1.235	0.864	0.719	0.613	
x_1	0.9418	1.0000								
$\eta /(\text{mPa s})$	0.497	0.400								
$T/\text{K} = 308.15$										98N2
x_1	0.0000	0.1664	0.3099	0.4348	0.5450	0.6423	0.7293	0.8073	0.8778	
$\eta /(\text{mPa s})$	7.918	4.520	2.876	1.935	1.384	1.032	0.796	0.647	0.583	
x_1	0.9418	1.0000								
$\eta /(\text{mPa s})$	0.477	0.385								
1691	C₄H₈O₂ (1) C₁₀H₂₂O (2)		acetic acid ethyl ester 3-methyl-1-(3-methyl-butoxy)-butane							141-78-6 544-01-4
$T/^\circ\text{C} = 11.0$										14K1
x_1	0.000	0.2505	0.5650	0.8337						
$\eta / \eta_{\text{water}}$	1.100	0.890	0.6937	0.5883						

1692	C₄H₈O₂ (1) C₁₄H₁₂O₂ (2)	acetic acid ethyl ester benzoic acid benzyl ester								141-78-6 120-51-4
<i>T</i> /°C = 25.0										
<i>x</i> ₁	0.0000	0.0784	0.1426	0.2347	0.3002	0.4001	0.5000	0.5863	0.6973	
<i>η</i> /(mPa s)	8.514	7.003	5.938	4.711	3.881	3.047	2.299	1.789	1.275	
<i>x</i> ₁	0.7990	0.8980	1.0000							
<i>η</i> /(mPa s)	0.9116	0.6406	0.4239							
1693										
	C₄H₈O₂ (1) C₁₆H₃₃Cl (2)	acetic acid ethyl ester 1-chloro-hexadecane								141-78-6 4860-03-1
<i>T</i> /K = 298.15										
<i>x</i> ₁	0.0000	0.1189	0.2139	0.3510	0.4035	0.5154	0.6163	0.7005	0.8046	
<i>v</i> /(mm ² /s)	6.305	5.212	4.420	3.419	3.067	2.402	1.872	1.482	1.066	
<i>x</i> ₁	0.8902	1.0000								
<i>v</i> /(mm ² /s)	0.7743	0.4714								
1694										
	C₄H₈O₂ (1) C₂₀H₄₀O₂ (2)	1,4-dioxane octadecanoic acid ethyl ester								123-91-1 111-61-5
<i>T</i> /°C = 40.0										
<i>x</i> ₂	0.0	0.25	0.50	0.75	1.00					
<i>η</i> /(mPa s)	0.94	2.20	3.35	4.40	5.34					
<i>T</i> /°C = 60.0										
<i>x</i> ₂	0.0	0.25	0.50	0.75	1.00					
<i>η</i> /(mPa s)	0.71	1.56	2.29	2.93	3.45					
1695										
	C₄H₈O₂S (1) C₄H₁₀O (2)	tetrahydrothiophene 1,1-dioxide butan-1-ol								126-33-0 71-36-3
<i>T</i> /°C = 30.0										
<i>x</i> ₁	0.0000	0.1066	0.1910	0.2871	0.3889	0.4851	0.5891	0.6937	0.7935	
<i>η</i> /(mPa s)	2.282	2.084	2.148	2.320	2.582	2.914	3.395	4.117	5.218	
<i>x</i> ₁	0.9023	1.0000								
<i>η</i> /(mPa s)	7.192	10.295								
<i>T</i> /°C = 35.0										
<i>x</i> ₁	0.0000	0.1066	0.1910	0.2871	0.3889	0.4851	0.5891	0.6937	0.7935	
<i>η</i> /(mPa s)	2.015	1.853	1.912	2.060	2.291	2.590	3.028	3.676	4.650	
<i>x</i> ₁	0.9023	1.0000								
<i>η</i> /(mPa s)	6.369	10.295								
<i>T</i> /°C = 40.0										

x_1	0.0000	0.1066	0.1910	0.2871	0.3889	0.4851	0.5891	0.6937	0.7935
η /(mPa s)	1.785	1.659	1.711	1.842	2.048	2.316	2.715	3.300	4.167
x_1	0.9023	1.0000							
η /(mPa s)	5.669	10.295							

1696 **C₄H₈O₂S (1)** **tetrahydrothiophene 1,1-dioxide** **126-33-0**
C₄H₁₀O (2) **butan-2-ol** **78-92-2**

T / °C = 30.0 74J1

x_1	0.0000	0.0998	0.1988	0.2898	0.3908	0.4973	0.5943	0.7033	0.7800
η /(mPa s)	2.545	2.151	2.161	2.299	2.550	2.933	3.428	4.266	5.138

x_1	0.9045	1.0000							
η /(mPa s)	7.383	10.295							

T / °C = 35.0 74J1

x_1	0.0000	0.0998	0.1988	0.2898	0.3908	0.4973	0.5943	0.7033	0.7800
η /(mPa s)	2.133	1.858	1.884	2.015	2.246	2.597	3.049	3.799	4.576

x_1	0.9045	1.0000							
η /(mPa s)	6.529	10.295							

T / °C = 40.0 74J1

x_1	0.0000	0.0998	0.1988	0.2898	0.3908	0.4973	0.5943	0.7033	0.7800
η /(mPa s)	1.806	1.615	1.655	1.781	1.993	2.316	2.728	3.401	4.097

x_1	0.9045	1.0000							
η /(mPa s)	5.806	10.295							

1697 **C₄H₈O₂S (1)** **tetrahydrothiophene 1,1-dioxide** **126-33-0**
C₄H₁₀O (2) **2-methyl-propan-1-ol** **78-83-1**

T / °C = 30.0 74J1

x_1	0.0000	0.0598	0.1852	0.2590	0.3891	0.5066	0.5903	0.7089	0.7888
η /(mPa s)	2.942	2.606	2.541	2.648	2.971	3.416	3.853	4.763	5.677

x_1	0.9464	1.0000							
η /(mPa s)	8.708	10.295							

T / °C = 35.0 74J1

x_1	0.0000	0.0598	0.1852	0.2590	0.3891	0.5066	0.5903	0.7089	0.7888
η /(mPa s)	2.520	2.261	2.222	2.319	2.611	3.017	3.414	4.229	5.037

x_1	0.9464	1.0000							
η /(mPa s)	7.667	10.295							

T / °C = 40.0 74J1

x_1	0.0000	0.0598	0.1852	0.2590	0.3891	0.5066	0.5903	0.7089	0.7888
η /(mPa s)	2.170	1.971	1.954	2.045	2.309	2.681	3.043	3.778	4.493

x_1	0.9464	1.0000							
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η /(mPa s) 6.786 10.295

1698 **C₄H₈O₂S (1)** **tetrahydrothiophene 1,1-dioxide** **126-33-0**
C₄H₁₀O (2) **2-methyl-propan-2-ol** **75-65-0**

$T/^\circ\text{C} = 30.0$

74J1

x_1 0.0000 0.1916 0.2786 0.3584 0.4717 0.5569 0.6312 0.7320 0.8339

η /(mPa s) 3.402 2.995 3.120 3.325 3.712 4.135 4.595 5.495 6.747

x_1 0.9188 1.0000

η /(mPa s) 8.277 10.295

$T/^\circ\text{C} = 35.0$

74J1

x_1 0.0000 0.1916 0.2786 0.3584 0.4717 0.5569 0.6312 0.7320 0.8339

η /(mPa s) 2.658 2.513 2.644 2.844 3.213 3.602 4.022 4.832 5.938

x_1 0.9188 1.0000

η /(mPa s) 7.276 10.295

$T/^\circ\text{C} = 40.0$

74J1

x_1 0.0000 0.1916 0.2786 0.3584 0.4717 0.5569 0.6312 0.7320 0.8339

η /(mPa s) 2.096 2.121 2.266 2.467 2.806 3.169 3.553 4.285 5.264

x_1 0.9188 1.0000

η /(mPa s) 6.424 10.295

1699 **C₄H₈O₂S (1)** **tetrahydrothiophene 1,1-dioxide** **126-33-0**
C₄H₁₀O₂ (2) **1,2-dimethoxy-ethane** **110-71-4**

$T/^\circ\text{C} = 30.0$

85M1

x_1 0.00 0.20 0.40 0.60 0.80 1.00

η /(mPa s) 9.87 3.98 1.99 1.07 0.65 0.40

1700 **C₄H₈O₂S (1)** **tetrahydrothiophene 1,1-dioxide** **126-33-0**
C₄H₁₀O₂ (2) **2-ethoxy-ethanol** **110-80-5**

$T/\text{K} = 303.15$

90A3

x_2 0.0000 0.0420 0.0712 0.1090 0.1849 0.2899 0.3942 0.5561 0.6236

η /(mPa s) 10.356 8.909 7.997 7.117 5.742 4.443 3.612 2.759 2.472

x_2 0.6586 0.7385 0.7622 0.8406 0.9162 0.9539 1.0000

η /(mPa s) 2.349 2.108 2.027 1.843 1.688 1.619 1.629

1701 **C₄H₈O₂S (1)** **tetrahydrothiophene 1,1-dioxide** **126-33-0**
C₅H₁₂N₂O (2) **tetramethylurea** **632-22-4**

$T/\text{K} = 298.15$

84M1

x_2 0.0000 0.03165 0.09663 0.1639 0.2337 0.3433 0.4199 0.5406 0.6691

η /(mPa s)	10.2750	10.0260	8.8650	7.5291	6.0051	4.7271	4.0500	3.1680	2.5380
x_2	0.7583	0.8519	0.9496	1.0000					
η /(mPa s)	2.1861	1.8940	1.5683	1.3950					
$T/K = 308.15$									84M1
x_2	0.0000	0.03165	0.09663	0.1639	0.2337	0.3433	0.4199	0.5406	0.6691
η /(mPa s)	8.2585	7.3775	6.3632	5.5482	4.6791	3.6982	3.1428	2.5301	2.0383
x_2	0.7583	0.8519	0.9496	1.0000					
η /(mPa s)	1.7747	1.5552	1.3281	1.2257					
$T/K = 318.15$									84M1
x_2	0.0000	0.03165	0.09663	0.1639	0.2337	0.3433	0.4199	0.5406	0.6691
η /(mPa s)	6.2555	5.4966	4.9312	4.4071	3.6870	3.0075	2.6108	2.0995	1.7621
x_2	0.7583	0.8519	0.9496	1.0000					
η /(mPa s)	1.4881	1.3561	1.1406	1.0621					

1702 **C₄H₈O₂S (1)** **tetrahydrothiophene 1,1-dioxide** **126-33-0**
C₅H₁₂O (2) **pentan-1-ol** **71-41-0**

$T/^\circ\text{C} = 30.0$									74J1
x_1	0.0000	0.1119	0.2324	0.3323	0.4328	0.5236	0.6267	0.7208	0.8145
η /(mPa s)	3.034	2.686	2.749	2.951	3.218	3.489	3.956	4.594	5.618
x_1	0.9043	1.0000							
η /(mPa s)	7.273	10.295							
$T/^\circ\text{C} = 35.0$									74J1
x_1	0.0000	0.1119	0.2324	0.3323	0.4328	0.5236	0.6267	0.7208	0.8145
η /(mPa s)	2.648	2.366	2.416	2.578	2.807	3.082	3.491	4.077	4.986
x_1	0.9043	1.0000							
η /(mPa s)	6.441	10.295							
$T/^\circ\text{C} = 40.0$									74J1
x_1	0.0000	0.1119	0.2324	0.3323	0.4328	0.5236	0.6267	0.7208	0.8145
η /(mPa s)	2.320	2.096	2.140	2.278	2.479	2.729	3.111	3.641	4.454
x_1	0.9043	1.0000							
η /(mPa s)	5.735	10.295							

1703 **C₄H₈O₂S (1)** **tetrahydrothiophene 1,1-dioxide** **126-33-0**
C₆H₆ (2) **benzene** **71-43-2**

$T/K = 298.15$									88A2
x_2	0.00000	0.04407	0.12457	0.21339	0.28474	0.40263	0.48896	0.58355	
η /(mPa s)	11.605	9.816	7.357	5.500	4.370	3.053	2.345	1.807	
x_2	0.65476	0.73176	0.80924	0.89149	0.97175	1.00000			
η /(mPa s)	1.482	1.210	0.985	0.799	0.650	0.607			

$T/K = 303.15$									72J1
x_1	0.0000	0.0944	0.1855	0.2522	0.2849	0.3829	0.4835	0.5905	0.6841
$\eta /(\text{mPa s})$	0.5630	0.7133	0.8992	1.074	1.162	1.504	1.976	2.694	3.563
x_1	0.7917	0.8956	1.0000						
$\eta /(\text{mPa s})$	5.014	7.129	10.295						
$T/K = 313.15$									72J1
x_1	0.0000	0.0944	0.1855	0.2522	0.2849	0.3829	0.4835	0.5905	0.6841
$\eta /(\text{mPa s})$	0.4931	0.6194	0.7737	0.9112	0.9889	1.267	1.648	2.202	2.879
x_1	0.7917	0.8956	1.0000						
$\eta /(\text{mPa s})$	3.996	5.619	8.007						
$T/K = 323.15$									72J1
x_1	0.0000	0.0944	0.1855	0.2522	0.2849	0.3829	0.4835	0.5905	0.6841
$\eta /(\text{mPa s})$	0.4367	0.5441	0.6751	0.7919	0.8556	1.085	1.396	1.855	2.388
x_1	0.7917	0.8956	1.0000						
$\eta /(\text{mPa s})$	3.267	4.505	6.346						
1704	C₄H₈O₂S (1) C₇H₈ (2)	tetrahydro-thiophene-1,1-dioxide toluene						126-33-0 108-88-3	
$T/K = 298.15$									88A2
x_2	0.00000	0.07321	0.16821	0.30475	0.38262	0.46600	0.54888	0.61324	
$\eta /(\text{mPa s})$	11.605	8.524	5.890	3.637	2.798	2.180	1.712	1.418	
x_2	0.69652	0.78487	0.87245	0.91497	0.96085	1.00000			
$\eta /(\text{mPa s})$	1.150	0.915	0.740	0.672	0.604	0.554			
1705	C₄H₈O₂S (1) C₈H₁₀ (2)	tetrahydro-thiophene-1,1-dioxide 1,4-dimethyl-benzene						126-33-0 106-42-3	
$T/K = 298.15$									88A2
x_2	0.00000	0.02852	0.10157	0.18214	0.25377	0.34369	0.41799	0.50520	
$\eta /(\text{mPa s})$	11.605	10.367	7.458	5.342	4.099	3.076	2.437	1.921	
x_2	0.58526	0.65395	0.75753	0.85483	0.89867	1.00000			
$\eta /(\text{mPa s})$	1.574	1.298	1.026	0.819	0.852	0.615			
1706	C₄H₈O₂S (1) C₉H₁₂ (2)	tetrahydro-thiophene-1,1-dioxide 1,3,5-trimethyl-benzene						126-33-0 108-67-8	
$T/K = 298.15$									88A2
x_2	0.00000	0.02750	0.08440	0.18331	0.24667	0.38951	0.46573	0.55086	
$\eta /(\text{mPa s})$	11.605	10.557	8.319	5.739	4.649	3.050	2.438	1.935	
x_2	0.64675	0.74137	0.88988	0.95077	1.00000				

η /(mPa s)	1.512	1.200	0.834	0.730	0.667				
1707	C₄H₈O₂S (1) C₁₁H₁₀ (2)								126-33-0 90-12-0
<i>T</i> /K = 313.15									95C3
x_1	0.0000	0.2017	0.4017	0.6074	0.7920	1.0000			
ν /(mm ² /s)	2.117	2.756	3.444	4.237	5.009	6.271			
<i>T</i> /K = 333.15									95C3
x_1	0.0000	0.2017	0.4017	0.6074	0.7920	1.0000			
ν /(mm ² /s)	1.488	1.863	2.245	2.739	3.234	4.068			
1708	C₄H₉Br (1) C₄H₁₀O (2)								109-65-9 78-83-1
<i>T</i> /K = 303.15									91R1
x_1	0.0000	0.1123	0.2176	0.2807	0.4649	0.6492	0.7239	0.8570	1.0000
η /(mPa s)	2.873	2.047	1.547	1.336	0.980	0.804	0.747	0.656	0.568
1709	C₄H₉Br (1) C₄H₁₀O (2)								78-77-3 71-36-3
<i>T</i> /K = 298.15									96A8
x_1	0.1067	0.2056	0.3012	0.4058	0.5013	0.5989	0.7037	0.7977	0.8888
η^E /(mPa s)	-0.2943	-0.4785	-0.5809	-0.6225	-0.6037	-0.5416	-0.4404	-0.3241	-0.194
<i>T</i> /K = 313.15									96A8
x_1	0.1067	0.2056	0.3012	0.4058	0.5013	0.5989	0.7037	0.7977	0.8888
η^E /(mPa s)	-0.1752	-0.2940	-0.3631	-0.3929	-0.3816	-0.3434	-0.2811	-0.2070	-0.126
1710	C₄H₉Br (1) C₄H₁₀O (2)								78-77-3 78-92-2
<i>T</i> /K = 298.15									96A8
x_1	0.0998	0.1938	0.2971	0.3990	0.4960	0.5939	0.7010	0.8018	0.8984
η^E /(mPa s)	-0.6753	-0.9728	-1.0768	-1.0417	-0.9512	-0.8138	-0.6329	-0.4402	-0.238
<i>T</i> /K = 313.15									96A8
x_1	0.0998	0.1938	0.2971	0.3990	0.4960	0.5939	0.7010	0.8018	0.8984
η^E /(mPa s)	-0.3312	-0.4825	-0.5377	-0.5306	-0.4889	-0.4239	-0.3327	-0.2342	-0.130
1711	C₄H₉Br (1) C₄H₁₀O (2)								78-77-3 78-83-1

$T/K = 298.15$										96A8
x_1	0.1020	0.1987	0.2960	0.4028	0.4944	0.5929	0.7046	0.7994	0.9000	
$\eta^E/(\text{mPa s})$	-0.5499	-0.8797	-1.0253	-1.0425	-0.9772	-0.8461	-0.6640	-0.4755	-0.253	
$T/K = 313.15$										96A8
x_1	0.1020	0.1987	0.2960	0.4028	0.4944	0.5929	0.7046	0.7994	0.9000	
$\eta^E/(\text{mPa s})$	-0.3042	-0.4916	-0.5772	-0.5583	-0.5536	-0.4864	-0.3832	-0.2755	-0.150	
1712	C₄H₉Br (1) C₄H₁₀O (2)	1-bromo-2-methyl-propane 2-methyl-propan-2-ol							78-77-3 75-65-0	
$T/K = 298.15$										96A8
x_1	0.1064	0.2104	0.3043	0.4076	0.5005	0.5919	0.7001	0.7830	0.8974	
$\eta^E/(\text{mPa s})$	-1.6457	-2.0417	-2.0421	-1.8763	-1.6527	-1.3937	-1.0562	-0.7810	-0.383	
$T/K = 313.15$										96A8
x_1	0.1064	0.2104	0.3043	0.4076	0.5005	0.5919	0.7001	0.7830	0.8974	
$\eta^E/(\text{mPa s})$	-0.5613	-0.7303	-0.7551	-0.7143	-0.6413	-0.5509	-0.4246	-0.3137	-0.162	
1713	C₄H₉Br (1) C₅H₁₂O (2)	1-bromo-butane 3-methyl-butan-1-ol							109-65-9 123-51-3	
$T/K = 303.15$										91R1
x_1	0.0000	0.1559	0.2333	0.3385	0.5154	0.6859	0.7661	0.8852	1.0000	
$\eta/(\text{mPa s})$	2.962	2.065	1.738	1.397	1.016	0.800	0.730	0.641	0.568	
1714	C₄H₉Br (1) C₆H₆ (2)	1-bromo-butane benzene							109-65-9 71-43-2	
$T/^\circ\text{C} = 25.0$										58L2
x_1	0.000	0.066	0.100	0.134	1.000					
$\eta/(\text{mPa s})$	0.602	0.588	0.583	0.574	0.606					
$T/^\circ\text{C} = 35.0$										58L2
x_1	0.000	0.066	0.100	0.134	1.000					
$\eta/(\text{mPa s})$	0.527	0.518	0.515	0.510	0.552					
$T/^\circ\text{C} = 45.0$										58L2
x_1	0.000	0.066	0.100	0.134	1.000					
$\eta/(\text{mPa s})$	0.464	0.459	0.457	0.454	0.502					
$T/^\circ\text{C} = 50.0$										58L2
x_1	0.000	0.066	0.100	0.134	1.000					
$\eta/(\text{mPa s})$	0.436	0.432	0.431	0.428	0.476					
1715	C₄H₉Br (1)	(±)-2-bromo-butane							5787-31-5	

	C₆H₁₄ (2)		hexane							110-54-3
$T/^\circ\text{C} = 25.0$	67H1									
x_1	0.8902	0.8114	0.7468	0.6674	0.5747	0.4850	0.3292	0.2207	0.1073	
$\nu/(\text{mm}^2/\text{s})$	0.4373	0.4311	0.4267	0.4226	0.4207	0.4201	0.4232	0.4292	0.4380	
1716	C₄H₉Br (1) C₁₄H₃₀ (2)		(±)-2-bromo-butane tetradecane							5787-31-5 629-59-4
$T/^\circ\text{C} = 25.0$	67H1									
x_2	0.7540	0.6300	0.5127	0.4062	0.3216	0.1954	0.1476	0.0924	0.0572	
$\nu/(\text{mm}^2/\text{s})$	2.0197	1.6925	1.4141	1.1757	0.9997	0.7596	0.6769	0.5862	0.5317	
x_2	0.0000									
$\nu/(\text{mm}^2/\text{s})$	0.4490									
1717	C₄H₉Br (1) C₁₆H₃₄ (2)		(±)-2-bromo-butane hexadecane							5787-31-5 544-76-3
$T/^\circ\text{C} = 25.0$	67H1									
x_2	0.7112	0.5812	0.4726	0.3847	0.2957	0.2415	0.1694	0.1063	0.0690	
$\nu/(\text{mm}^2/\text{s})$	2.6167	2.1052	1.7108	1.4338	1.1605	1.0075	0.8186	0.6687	0.5818	
x_2	0.0377	0.0000								
$\nu/(\text{mm}^2/\text{s})$	0.5210	0.4490								
1718	C₄H₉Cl (1) C₄H₁₀O (2)		1-chloro-butane butan-1-ol							109-69-3 71-36-3
$T/^\circ\text{C} = 25.0$	96L1									
x_1	0.0000	0.0749	0.2028	0.3021	0.4112	0.5016	0.6048	0.7044	0.8062	
$\eta/(\text{mPa s})$	2.5562	2.1214	1.5228	1.2054	0.9486	0.7880	0.6572	0.5679	0.4955	
x_1	0.9064	1.0000								
$\eta/(\text{mPa s})$	0.4465	0.4229								
$T/^\circ\text{C} = 40.0$	96L1									
x_1	0.0000	0.0749	0.2028	0.3021	0.4112	0.5016	0.6048	0.7044	0.8062	
$\eta/(\text{mPa s})$	1.7552	1.4490	1.0812	0.8789	0.7145	0.6192	0.5213	0.4589	0.4114	
x_1	0.9064	1.0000								
$\eta/(\text{mPa s})$	0.3742	0.3583								
1719	C₄H₉Cl (1) C₄H₁₀O (2)		2-chloro-butane butan-1-ol							78-86-4 71-36-3
$T/\text{K} = 298.15$	95C1									

x_1	0.0923	0.2012	0.3028	0.3997	0.4990	0.6032	0.7062	0.7976	0.9029
$\eta^E/(\text{mPa s})$	-0.3532	-0.5792	-0.6903	-0.7062	-0.6929	-0.6038	-0.4835	-0.3516	-0.181
1720	C₄H₉Cl (1) C₄H₁₀O (2)		1-chloro-butane butan-2-ol						109-69-3 78-92-2
$T/^\circ\text{C} = 25.0$									96L1
x_1	0.0000	0.0997	0.1976	0.3052	0.4049	0.4970	0.6060	0.7022	0.8053
$\eta/(\text{mPa s})$	3.0596	1.9796	1.3789	1.0147	0.8086	0.6823	0.5809	0.5176	0.4690
x_1	0.9038	1.0000							
$\eta/(\text{mPa s})$	0.4365	0.4229							
$T/^\circ\text{C} = 40.0$									96L1
x_1	0.0000	0.0997	0.1976	0.3052	0.4049	0.4970	0.6060	0.7022	0.8053
$\eta/(\text{mPa s})$	1.7854	1.2340	0.9264	0.7261	0.6063	0.5279	0.4628	0.4198	0.3877
x_1	0.9038	1.0000							
$\eta/(\text{mPa s})$	0.3663	0.3583							
1721	C₄H₉Cl (1) C₄H₁₀O (2)		2-chloro-butane butan-2-ol						78-86-4 78-92-2
$T/\text{K} = 298.15$									95C1
x_1	0.1029	0.2048	0.3034	0.4027	0.5030	0.6049	0.7035	0.8032	0.9161
$\eta^E/(\text{mPa s})$	-0.7829	-1.1674	-1.2242	-1.1899	-1.0623	-0.8891	-0.6926	-0.4754	-0.213
1722	C₄H₉Cl (1) C₄H₁₀O (2)		1-chloro-butane 2-methyl-propan-1-ol						109-69-3 78-83-1
$T/^\circ\text{C} = 25.0$									96L1
x_1	0.0000	0.0951	0.2057	0.3038	0.4102	0.5035	0.6121	0.7033	0.8022
$\eta/(\text{mPa s})$	3.3603	2.4102	1.6765	1.2609	0.9677	0.7931	0.6506	0.5666	0.5000
x_1	0.9043	1.0000							
$\eta/(\text{mPa s})$	0.4513	0.4229							
$T/^\circ\text{C} = 40.0$									96L1
x_1	0.0000	0.0951	0.2057	0.3038	0.4102	0.5035	0.6121	0.7033	0.8022
$\eta/(\text{mPa s})$	2.0925	1.5765	1.1518	0.9054	0.7239	0.6137	0.5199	0.4687	0.4153
x_1	0.9043	1.0000							
$\eta/(\text{mPa s})$	0.3832	0.3583							
1723	C₄H₉Cl (1) C₄H₁₀O (2)		2-chloro-butane 2-methyl-propan-1-ol						78-86-4 78-83-1
$T/\text{K} = 298.15$									95C1

x_1	0.0990	0.2002	0.3053	0.4075	0.5051	0.6091	0.7058	0.8104	0.9108
$\eta^E/(\text{mPa s})$	-0.6686	-1.0436	-1.2019	-1.1836	-1.0877	-0.9201	-0.7226	-0.4861	-0.241
1724	C₄H₉Cl (1) C₄H₁₀O (2)		1-chloro-butane 2-methyl-propan-2-ol						109-69-3 75-65-0
$T/^\circ\text{C} = 25.0$									96L1
x_1	0.0000	0.1052	0.2087	0.3150	0.4159	0.5172	0.6059	0.7101	0.8039
$\eta/(\text{mPa s})$	4.4126	2.1880	1.3586	0.9910	0.7867	0.6596	0.5820	0.5168	0.4746
x_1	0.8976	1.0000							
$\eta/(\text{mPa s})$	0.4434	0.4229							
$T/^\circ\text{C} = 40.0$									96L1
x_1	0.0000	0.1052	0.2087	0.3150	0.4159	0.5172	0.6059	0.7101	0.8039
$\eta/(\text{mPa s})$	2.0885	1.2789	0.9194	0.7181	0.5981	0.5189	0.4682	0.4243	0.3963
x_1	0.8976	1.0000							
$\eta/(\text{mPa s})$	0.3770	0.3583							
1725	C₄H₉Cl (1) C₄H₁₀O (2)		2-chloro-butane 2-methyl-propan-2-ol						78-86-4 75-65-0
$T/\text{K} = 298.15$									95C1
x_1	0.1018	0.2213	0.3134	0.4187	0.5154	0.6189	0.7176	0.8155	0.9176
$\eta^E/(\text{mPa s})$	-1.7393	-2.1590	-2.1205	-1.9357	-1.6735	-1.3541	-1.0325	-0.6885	-0.315
1726	C₄H₉Cl (1) C₄H₁₀O (2)		2-chloro-2-methyl-propane butan-1-ol						507-20-0 71-36-3
$T/\text{K} = 298.15$									94C1
x_1	0.0989	0.1970	0.2993	0.4011	0.4996	0.6077	0.7014	0.8031	0.9062
$\eta^E/(\text{mPa s})$	-0.2458	-0.4571	-0.5922	-0.6360	-0.6214	-0.5484	-0.4504	-0.3213	-0.168
1727	C₄H₉Cl (1) C₄H₁₀O (2)		2-chloro-2-methyl-propane butan-2-ol						507-20-0 78-92-2
$T/\text{K} = 298.15$									94C1
x_1	0.1031	0.1995	0.2984	0.4030	0.5024	0.6025	0.7005	0.8024	0.9008
$\eta^E/(\text{mPa s})$	-0.7517	-1.0489	-1.1303	-1.1008	-0.9934	-0.8440	-0.6672	-0.4591	-0.243
1728	C₄H₉Cl (1) C₄H₁₀O (2)		2-chloro-2-methyl-propane 2-methyl-propan-1-ol						507-20-0 78-83-1
$T/\text{K} = 298.15$									94C1
x_1	0.1015	0.2007	0.3042	0.4027	0.4989	0.6030	0.7041	0.8059	0.9027

$\eta^E/(\text{mPa s})$	-0.5646	-0.9005	-1.0430	-1.0576	-0.9984	-0.8581	-0.6842	-0.4712	-0.249
1729	C₄H₉Cl (1) C₄H₁₀O (2)	2-chloro-2-methyl-propane 2-methyl-propan-2-ol							507-20-0 75-65-0
$T/\text{K} = 298.15$									94C1
x_1	0.1044	0.2058	0.3124	0.4097	0.5117	0.6109	0.7064	0.8074	0.9096
$\eta^E/(\text{mPa s})$	-1.4879	-1.9427	-1.9712	-1.8337	-1.5998	-1.3217	-1.0275	-0.6924	-0.336
1730	C₄H₉Cl (1) C₅H₁₂ (2)	1-chloro-butane pentane							109-69-3 109-66-0
$T/^\circ\text{C} = 25.0$									86A2
x_2	0.0000	0.1016	0.2097	0.2358	0.4030	0.5062	0.6042	0.7007	0.7975
$\eta/(\text{mPa s})$	0.4262	0.4004	0.3720	0.3641	0.3274	0.3054	0.2870	0.2701	0.2558
x_2	0.8963	1.0000							
$\eta/(\text{mPa s})$	0.2391	0.2238							
1731	C₄H₉Cl (1) C₆H₆ (2)	1-chloro-butane benzene							109-69-3 71-43-2
$T/^\circ\text{C} = 25.0$									58L2
x_1	0.000	0.098	0.153	0.800	1.000				
$\eta/(\text{mPa s})$	0.602	0.557	0.542	0.454	0.428				
$T/^\circ\text{C} = 35.0$									58L2
x_1	0.000	0.098	0.153	1.000					
$\eta/(\text{mPa s})$	0.527	0.492	0.481	0.390					
$T/^\circ\text{C} = 45.0$									58L2
x_1	0.000	0.098	0.153	1.000					
$\eta/(\text{mPa s})$	0.464	0.437	0.428	0.356					
$T/^\circ\text{C} = 50.0$									58L2
x_1	0.000	0.098	0.153	0.800	1.000				
$\eta/(\text{mPa s})$	0.436	0.417	0.404	0.358	0.340				
1732	C₄H₉Cl (1) C₆H₁₄ (2)	1-chloro-butane hexane							109-69-3 110-54-3
$T/\text{K} = 298.15$									98D2
x_2	0.1000	0.1975	0.3001	0.4024	0.4998	0.5990	0.7014	0.8017	0.9013
$\nu/(\text{mm}^2/\text{s})$	0.4758	0.4685	0.4622	0.4572	0.4533	0.4506	0.4487	0.4482	0.4489
$T/\text{K} = 313.15$									98D2
x_2	0.1000	0.1975	0.3001	0.4024	0.4998	0.5990	0.7014	0.8017	0.9013

$v/(mm^2/s)$	0.4149	0.4088	0.4038	0.3997	0.3965	0.3945	0.3933	0.3930	0.3939
1733	C₄H₉Cl (1) C₇H₁₄O₂ (2)		1-chloro-butane acetic acid pentyl ester						109-69-3 628-63-7
$T/^\circ\text{C} = 25.0$									84P1
x_1	0.0000	0.1364	0.2626	0.3783	0.4869	0.5870	0.6804	0.7689	0.8504
$\eta/(mPa\ s)$	0.861	0.796	0.737	0.683	0.636	0.592	0.553	0.517	0.484
x_1	0.9266	1.0000							
$\eta/(mPa\ s)$	0.455	0.426							
1734	C₄H₉Cl (1) C₈H₂₀O₄Si (2)		1-chloro-butane silicic acid tetraethyl ester						109-69-3 78-10-4
$T/^\circ\text{C} = 20.0$									63V1
x_2	0.0000	0.0497	0.1051	0.1677	0.2387	0.3200	0.4135	0.5232	0.6534
$\eta/(mPa\ s)$	0.4470	0.4700	0.4900	0.5126	0.5300	0.5550	0.5782	0.6000	0.6291
x_2	0.8084	1.0000							
$\eta/(mPa\ s)$	0.6579	0.7147							
1735	C₄H₉Cl (1) C₁₀H₂₂ (2)		1-chloro-butane decane						109-69-3 124-18-5
$T/^\circ\text{C} = 25.0$									86A2
x_2	0.0000	0.1032	0.2020	0.3087	0.3992	0.5065	0.5992	0.6974	0.7967
$\eta/(mPa\ s)$	0.4262	0.4681	0.5006	0.6437	0.5768	0.6297	0.6636	0.7109	0.7607
x_2	0.8968	1.0000							
$\eta/(mPa\ s)$	0.8110	0.8582							
1736	C₄H₉Cl (1) C₁₂H₂₅Cl (2)		1-chloro-butane 1-chloro-dodecane						109-69-3 112-52-7
$T/^\circ\text{C} = 25.0$									71C1
x_2	0.0000	0.2298	0.2967	0.4348	0.5232	1.0000			
$v/(mm^2/s)$	0.4837	0.8880	1.026	1.354	1.571	3.089			
1737	C₄H₉Cl (1) C₁₂H₂₆ (2)		1-chloro-butane dodecane						109-69-3 112-40-3
$T/^\circ\text{C} = 25.0$									86A2
x_2	0.0000	0.1032	0.2020	0.2999	0.3986	0.4981	0.6017	0.7015	0.7981
$\eta/(mPa\ s)$	0.4262	0.5072	0.5794	0.6598	0.7447	0.8232	0.9282	1.034	1.130
x_2	0.8948	1.0000							

η /(mPa s) 1.220 1.364

1738 **C₄H₉Cl (1)** **1-chloro-butane** **109-69-3**
C₁₆H₃₄ (2) **hexadecane** **544-76-3**

$T/^\circ\text{C} = 25.0$ 69C2

x_2 0.0000 0.1495 0.2967 0.4418 0.5454 0.6777 0.8309 1.0000
 v /(mm²/s) 0.4837 0.8134 1.202 1.604 2.010 2.514 3.172 3.970

1739 **C₄H₉NO (1)** **N,N-dimethyl-acetamide** **127-19-5**
C₄H₁₀O (2) **butan-1-ol** **71-36-3**

$T/\text{K} = 303.15$ 83P4

x_1 0.0000 0.0968 0.1997 0.2976 0.4000 0.4956 0.5990 0.6978 0.7867
 η /(mPa s) 2.271 1.862 1.585 1.430 1.281 1.181 1.097 1.029 0.975
 x_1 0.9006 1.0000
 η /(mPa s) 0.917 0.871

1740 **C₄H₉NO (1)** **N,N-dimethyl-acetamide** **127-19-5**
C₄H₁₀O (2) **2-methyl-propan-2-ol** **75-65-0**

$T/\text{K} = 303.15$ 83P4

x_1 0.0000 0.1094 0.2069 0.3062 0.4037 0.5026 0.6154 0.7028 0.8064
 η /(mPa s) 3.378 2.544 2.032 1.651 1.422 1.255 1.128 1.046 0.973
 x_1 0.8954 1.0000
 η /(mPa s) 0.924 0.871

1741 **C₄H₉NO (1)** **N,N-dimethyl-acetamide** **127-19-5**
C₅H₁₀O₂ (2) **acetic acid isopropyl ester** **108-21-4**

$T/\text{K} = 303.15$ 89R3

x_1 0.0000 0.1051 0.2049 0.3298 0.4011 0.5103 0.6194 0.6953 0.8145
 η /(mPa s) 0.497 0.521 0.554 0.603 0.630 0.675 0.721 0.753 0.808
 x_1 0.9000 1.0000
 η /(mPa s) 0.843 0.880

1742 **C₄H₉NO (1)** **N,N-dimethyl-acetamide** **127-19-5**
C₅H₁₀O₂ (2) **acetic acid propyl ester** **109-60-4**

$T/\text{K} = 303.15$ 89R3

x_1 0.0000 0.0899 0.2078 0.2866 0.3842 0.5099 0.6088 0.6932 0.7972
 η /(mPa s) 0.537 0.567 0.602 0.631 0.665 0.716 0.749 0.780 0.812
 x_1 0.9031 1.0000

η /(mPa s) 0.847 0.880

1743 **C₄H₉NO (1)** **N,N-dimethyl-acetamide** **127-19-5**
C₆H₅NO₂ (2) **nitrobenzene** **98-95-3**

$T/^\circ\text{C} = 25.0$ 88I1

x_1 0.000 0.026 0.109 0.216 1.000
 η /(mPa s) 1.8415 1.808 1.754 1.664 0.919

1744 **C₄H₉NO (1)** **N,N-dimethyl-acetamide** **127-19-5**
C₆H₈N₂ (2) **hexanedinitrile** **111-69-3**

$T/\text{K} = 298.15$ 95O2

x_2 0.0000 0.0999 0.2976 0.3998 0.4988 0.5898 0.6990 0.8491 1.0000
 η /(mPa s) 0.8769 0.9801 1.3630 1.6663 2.0294 2.4202 2.9648 3.8501 4.9049

1745 **C₄H₉NO (1)** **N,N-dimethyl-acetamide** **127-19-5**
C₆H₁₂O₂ (2) **acetic acid butyl ester** **123-86-4**

$T/\text{K} = 303.15$ 89R3

x_1 0.0000 0.1081 0.2179 0.2898 0.4059 0.5164 0.6004 0.7012 0.8006
 η /(mPa s) 0.626 0.660 0.691 0.718 0.741 0.765 0.785 0.808 0.836

x_1 0.9040 1.0000
 η /(mPa s) 0.863 0.880

1746 **C₄H₉NO (1)** **N,N-dimethyl-acetamide** **127-19-5**
C₇H₁₄O₂ (2) **acetic acid 3-methyl-butyl ester** **123-92-2**

$T/\text{K} = 303.15$ 89R3

x_1 0.0000 0.1058 0.2047 0.3026 0.4106 0.5133 0.5994 0.7247 0.7957
 η /(mPa s) 0.779 0.786 0.799 0.815 0.832 0.852 0.866 0.885 0.890

x_1 0.9285 1.0000
 η /(mPa s) 0.891 0.880

1747 **C₄H₉NO (1)** **N,N-dimethyl-acetamide** **127-19-5**
C₈H₈ (2) **vinylbenzene** **100-42-5**

$T/\text{K} = 298.15$ 98A5

x_2 0.0000 0.1090 0.1994 0.2958 0.4002 0.5004 0.6012 0.7027 0.8005
 η /(mPa s) 0.937 0.938 0.936 0.937 0.929 0.921 0.903 0.881 0.851

x_2 0.9015 1.0000
 η /(mPa s) 0.808 0.708

$T/\text{K} = 303.15$ 98A5

x_2	0.0000	0.1090	0.1994	0.2958	0.4002	0.5004	0.6012	0.7027	0.8005
$\eta /(\text{mPa s})$	0.878	0.874	0.873	0.872	0.863	0.857	0.841	0.821	0.795
x_2	0.9015	1.0000							
$\eta /(\text{mPa s})$	0.753	0.663							
$T/\text{K} = 308.15$									98A5
x_2	0.0000	0.1090	0.1994	0.2958	0.4002	0.5004	0.6012	0.7027	0.8005
$\eta /(\text{mPa s})$	0.823	0.817	0.818	0.815	0.807	0.800	0.785	0.766	0.742
x_2	0.9015	1.0000							
$\eta /(\text{mPa s})$	0.700	0.623							

1748	C₄H₉NO₂ (1)	C₅H₁₁NO₂ (2)	methyl-carbamic acid ethyl ester					105-40-8
			ethyl-carbamic acid ethyl ester					
$x_2 = 0.00$								79J1
$T/^\circ\text{C}$	25.0	40.0	55.0	70.0	85.0	100.0		
$\eta /(\text{mPa s})$	3.096	2.097	1.505	1.137	0.889	0.713		
$x_2 = 0.50$								79J1
$T/^\circ\text{C}$	25.0	40.0	55.0	70.0	85.0	100.0		
$\eta /(\text{mPa s})$	7.716	4.410	2.804	1.960	1.449	1.119		
$x_2 = 1.00$								79J1
$T/^\circ\text{C}$	25.0	40.0	55.0	70.0	85.0	100.0		
$\eta /(\text{mPa s})$	3.584	2.369	1.658	1.225	0.943	0.745		

1749	C₄H₉NO₂ (1)	C₁₀H₂₀O (2)	methyl-carbamic acid ethyl ester					105-40-8
			menthol					89-78-1
$T/^\circ\text{C} = 55.6$								10S2
w_2	0.000	0.3338	0.5680	0.7428	0.8439	0.9246	1.0000	
$\eta /(\text{mPa s})$	2.278	2.634	3.051	3.877	3.864	4.963	6.290	
$T/^\circ\text{C} = 74.6$								10S2
w_2	0.000	0.3338	0.5680	0.7428	0.8439	0.9246	1.0000	
$\eta /(\text{mPa s})$	1.371	1.467	1.790	1.680	1.874	2.395	2.469	
$T/^\circ\text{C} = 82.2$								10S2
w_2	0.000	0.3338	0.5680	0.7428	0.8439	0.9246	1.0000	
$\eta /(\text{mPa s})$	1.238	1.235	1.453	1.340	1.494	1.835	1.850	
$T/^\circ\text{C} = 99.0$								10S2
w_2	0.000	0.3338	0.5680	0.7428	0.8439	0.9246	1.0000	
$\eta /(\text{mPa s})$	0.847	0.835	0.986	0.855	1.052	1.128	1.041	

1750	C₄H₁₀ (1)	butane	106-97-8
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	C₃₀H₆₂ (2)		2,6,10,15,19,23-hexamethyl-tetracosane				111-01-3
<i>T</i> /K = 273.15							95K5
<i>x</i> ₂	0.000	0.159	0.314	0.551	0.714	1.000	
<i>η</i> /(mPa s)	0.203	1.46	5.07	21.1	42.5	115.4	
<i>T</i> /K = 293.15							95K5
<i>x</i> ₂	0.000	0.161	0.316	0.555	0.721	1.000	
<i>η</i> /(mPa s)	0.170	1.06	3.00	9.55	16.5	36.0	
<i>T</i> /K = 313.15							95K5
<i>x</i> ₂	0.000	0.162	0.319	0.559	0.724	1.000	
<i>η</i> /(mPa s)	0.143	0.797	2.04	5.26	8.16	15.1	
<i>T</i> /K = 333.15							95K5
<i>x</i> ₂	0.000	0.164	0.324	0.559	0.736	1.000	
<i>η</i> /(mPa s)	0.118	0.643	1.46	3.19	4.84	7.85	
1751	C₄H₁₀O (1)		butan-1-ol				71-36-3
	C₄H₁₀O (2)		butan-2-ol				78-92-2
<i>w</i> ₁ = 0.10							81M3
<i>T</i> /K	293.38	312.43	333.78				
<i>η</i> /(mPa s)	1.233	0.965	0.780				
<i>w</i> ₁ = 0.60							81M3
<i>T</i> /K	294.58	318.83	337.88				
<i>η</i> /(mPa s)	3.900	1.790	1.240				
<i>w</i> ₁ = 0.90							81M3
<i>T</i> /K	295.28	319.63	332.48				
<i>η</i> /(mPa s)	5.670	2.690	1.989				
A table is given in Ref. 81M3 for pressures up to 50 MPa and temperatures up to 480 K.							81M3
1752	C₄H₁₀O (1)		butan-1-ol				71-36-3
	C₄H₁₀O (2)		2-methyl-propan-1-ol				78-83-1
<i>T</i> /°C = 20.0							56T1
<i>x</i> ₂	0.0	0.2	0.4	0.6	0.8	1.0	
<i>η</i> /(mPa s)	2.939	3.078	3.243	3.434	3.680	4.009	
<i>T</i> /°C = 40.0							56T1
<i>x</i> ₂	0.0	0.2	0.4	0.6	0.8	1.0	
<i>η</i> /(mPa s)	1.766	1.818	1.872	1.937	2.022	2.138	
<i>T</i> /°C = 60.0							56T1
<i>x</i> ₂	0.0	0.2	0.4	0.6	0.8	1.0	
<i>η</i> /(mPa s)	1.125	1.132	1.147	1.167	1.192	1.233	

$T/^\circ\text{C} = 25.0$									33T1
x_2	0.0000	0.0822	0.1999	0.2976	0.3739	0.4974	0.5954	0.6990	0.7993
$\eta/(\text{mPa s})$	2.5569	2.6076	2.6719	2.7262	2.7724	2.8590	2.9354	3.1015	3.1106
x_2	0.9018	1.0000							
$\eta/(\text{mPa s})$	3.2385	3.5556							

1753	C₄H₁₀O (1) C₄H₁₀O₂ (2)		butan-1-ol 2-ethoxy-ethanol						71-36-3 110-80-5
$T/\text{K} = 298.15$									95A3
x_2	0.0000	0.1017	0.2007	0.2996	0.4028	0.5032	0.6036	0.6986	0.8029
$\eta/(\text{mPa s})$	2.509	2.284	2.130	2.015	1.958	1.891	1.830	1.838	1.829
x_2	0.9000	1.0000							
$\eta/(\text{mPa s})$	1.822	1.838							
$T/\text{K} = 303.15$									95A3
x_2	0.0000	0.1017	0.2007	0.2996	0.4028	0.5032	0.6036	0.6986	0.8029
$\eta/(\text{mPa s})$	1.197	1.999	1.887	1.787	1.731	1.677	1.656	1.634	1.630
x_2	0.9000	1.0000							
$\eta/(\text{mPa s})$	1.629	1.644							
$T/\text{K} = 308.15$									95A3
x_2	0.0000	0.1017	0.2007	0.2996	0.4028	0.5032	0.6036	0.6986	0.8029
$\eta/(\text{mPa s})$	1.929	1.771	1.671	1.589	1.546	1.499	1.480	1.462	1.458
x_2	0.9000	1.0000							
$\eta/(\text{mPa s})$	1.462	1.471							
$T/\text{K} = 313.15$									95A3
x_2	0.0000	0.1017	0.2007	0.2996	0.4028	0.5032	0.6036	0.6986	0.8029
$\eta/(\text{mPa s})$	1.705	1.565	1.490	1.420	1.378	1.340	1.331	1.310	1.314
x_2	0.9000	1.0000							
$\eta/(\text{mPa s})$	1.309	1.333							

1754	C₄H₁₀O (1) C₄H₁₁N (2)		butan-1-ol butylamine						71-36-3 109-73-9
$T/\text{K} = 303.15$									99O1
x_2	0.0000	0.0920	0.1886	0.2824	0.3824	0.5186	0.6186	0.7158	0.8131
$\eta/(\text{mPa s})$	2.2853	2.0803	1.8288	1.5648	1.3145	1.0362	0.8627	0.7221	0.6087
x_2	0.9011	1.0000							
$\eta/(\text{mPa s})$	0.5224	0.4442							
$T/\text{K} = 313.15$									99O1
x_2	0.0000	0.0920	0.1886	0.2824	0.3824	0.5186	0.6186	0.7158	0.8131

η /(mPa s)	1.8170	1.6625	1.4761	1.2858	1.0860	0.8560	0.7186	0.6085	0.5227
x_2	0.9011	1.0000							
η /(mPa s)	0.4542	0.3927							

 $T/K = 298.15$

96D2

x_1	0.0000	0.0983	0.1986	0.2972	0.4004	0.4976	0.5988	0.7009	0.7974
η /(mPa s)	0.4690	0.5497	0.6488	0.7685	0.9222	1.0850	1.2909	1.5182	1.7818
x_1	0.8990	1.0000							
η /(mPa s)	2.1229	2.5647							

 $T/K = 298.15$

93P1

x_1	0.000	0.099	0.195	0.294	0.401	0.493	0.600	0.695	0.800
η /(mPa s)	0.468	0.553	0.663	0.794	0.951	1.101	1.312	1.531	1.818
x_1	0.893	1.000							
η /(mPa s)	2.131	2.578							

A table is given in the original source 93P1 for pressures up to 72 MPa.

93P1

 $T/^\circ\text{C} = 20.0$

74R1

x_2	0.0	0.1	0.3	0.5	0.7	0.9	1.0		
η /(mPa s)	2.59	2.51	1.85	1.25	0.95	0.68	0.55		

 $T/^\circ\text{C} = 20.0$

74R2

x_2	0.0	0.1	0.3	0.5	0.7	0.9	1.0		
η /(mPa s)	2.59	2.51	1.85	1.25	0.95	0.68	0.55		

1755 **C₄H₁₀O (1)** **2-methyl-propan-1-ol** **78-83-1**
C₄H₁₁N (2) **butylamine** **109-73-9**

 $T/K = 298.15$

96D2

x_1	0.0000	0.1005	0.2000	0.2984	0.3994	0.4997	0.5998	0.7007	0.8122
η /(mPa s)	0.4690	0.5513	0.6646	0.7783	0.9361	1.1353	1.3729	1.6737	2.1264
x_1	0.8939	1.0000							
η /(mPa s)	2.5930	3.3973							

 $T/K = 313.15$

96D1

x_1	0.0992	0.1967	0.2981	0.3980	0.4965	0.5979	0.6978	0.8009	0.9000
η /(mPa s)	0.4434	0.5160	0.6020	0.7038	0.8181	0.9549	1.1080	1.2889	1.5027

1756 **C₄H₁₀O (1)** **butan-1-ol** **71-36-3**
C₄H₁₁N (2) **diethylamine** **109-89-7**

 $T/K = 303.15$

87C2

x_2	0.0000	0.1337	0.1987	0.2926	0.3900	0.4819	0.5511	0.6512	0.7311
η /(mPa s)	2.2706	1.8140	1.6065	1.3312	1.0789	0.8743	0.7429	0.5876	0.4905

x_2	0.8279	0.9134	1.0000
$\eta /(\text{mPa s})$	0.4034	0.3492	0.3135

$T/^\circ\text{C} = 25.0$

61L1

x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0
$\eta /(\text{mPa s})$	0.326	0.446	0.668	0.838	1.061	1.671	2.442

1757	C₄H₁₀O (1) C₄H₁₁N (2)	butan-2-ol diethylamine	78-92-2 109-89-7
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$T/\text{K} = 303.15$

87C2

x_2	0.0000	0.1343	0.2433	0.3057	0.4566	0.4996	0.6383	0.6969	0.7570
$\eta /(\text{mPa s})$	3.1782	2.4346	1.8578	1.5616	0.9893	0.8679	0.5994	0.5336	0.4861

x_2	0.8190	0.9209	1.0000
$\eta /(\text{mPa s})$	0.4257	0.3838	0.3135

1758	C₄H₁₀O (1) C₄H₁₁N (2)	2-methyl-propan-1-ol diethylamine	78-83-1 109-89-7
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$T/\text{K} = 303.15$

87C2

x_2	0.0000	0.1261	0.2106	0.3212	0.3893	0.4746	0.5931	0.6646	0.7360
$\eta /(\text{mPa s})$	2.8758	2.1891	1.8041	1.3851	1.1733	0.9512	0.7171	0.6091	0.5230

x_2	0.8519	0.9276	1.0000
$\eta /(\text{mPa s})$	0.4180	0.3622	0.3135

1759	C₄H₁₀O (1) C₄H₁₁N (2)	2-methyl-propan-2-ol diethylamine	75-65-0 109-89-7
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$T/\text{K} = 303.15$

87C2

x_2	0.0000	0.1175	0.2411	0.3293	0.4298	0.5233	0.6243	0.6749	0.7421
$\eta /(\text{mPa s})$	3.3158	2.2224	1.4467	1.0757	0.7911	0.6257	0.5190	0.4842	0.4482

x_2	0.8459	0.9290	1.0000
$\eta /(\text{mPa s})$	0.4019	0.3590	0.3135

1760	C₄H₁₀O (1) C₅H₈O (2)	butan-1-ol cyclopentanone	71-36-3 120-92-3
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$T/^\circ\text{C} = 30.0$

77R1

x_2	0.0000	0.1010	0.2614	0.4183	0.5813	0.7417	0.8990	1.0000
$\eta /(\text{mPa s})$	2.240	1.725	1.339	1.143	1.026	0.974	0.959	0.989

1761	C₄H₁₀O (1) C₅H₈O₂ (2)	butan-1-ol 2-methyl-acrylic acid methyl ester	71-36-3 80-62-6
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<i>T/K</i> = 303.15										96S2
x_2	0.0000	0.0560	0.1525	0.2540	0.3600	0.4545	0.5157	0.6535	0.7700	
η /(mPa s)	2.2610	1.7956	1.4875	1.2100	0.9864	0.7969	0.7097	0.5838	0.5454	
x_2	0.8924	0.9390	0.9802	1.0000						
η /(mPa s)	0.5402	0.5352	0.4950	0.5290						
<i>T/K</i> = 313.15										96S2
x_2	0.0000	0.0560	0.1525	0.2540	0.3600	0.4545	0.5157	0.6535	0.7700	
η /(mPa s)	1.7700	1.5400	1.1400	0.8862	0.7239	0.6339	0.5933	0.5394	0.5325	
x_2	0.8924	0.9390	0.9802	1.0000						
η /(mPa s)	0.4656	0.4639	0.4636	0.4530						
1762	C₄H₁₀O (1) C₅H₈O₃ (2)	butan-1-ol 3-oxo-butyric acid methyl ester							71-36-3 105-45-3	
<i>T/K</i> = 298.15										93A1
x_2	0.0000	0.1022	0.2039	0.3060	0.4081	0.5110	0.6074	0.7044	0.8051	
η /(mPa s)	2.484	1.886	1.628	1.465	1.378	1.328	1.311	1.321	1.368	
x_2	0.9038	1.0000								
η /(mPa s)	1.436	1.564								
<i>T/K</i> = 303.15										93A1
x_2	0.0000	0.1022	0.2039	0.3060	0.4081	0.5110	0.6074	0.7044	0.8051	
η /(mPa s)	2.174	1.669	1.447	1.308	1.235	1.197	1.183	1.197	1.211	
x_2	0.9038	1.0000								
η /(mPa s)	1.302	1.421								
<i>T/K</i> = 308.15										93A1
x_2	0.0000	0.1022	0.2039	0.3060	0.4081	0.5110	0.6074	0.7044	0.8051	
η /(mPa s)	1.913	1.487	1.301	1.195	1.118	1.090	1.080	1.093	1.131	
x_2	0.9038	1.0000								
η /(mPa s)	1.190	1.298								
1763	C₄H₁₀O (1) C₅H₈O₃ (2)	2-methyl-propan-1-ol 3-oxo-butyric acid methyl ester							78-83-1 105-45-3	
<i>T/K</i> = 298.15										93A1
x_2	0.0000	0.1046	0.2052	0.3095	0.4094	0.5075	0.6057	0.7026	0.8059	
η /(mPa s)	3.247	2.240	1.810	1.598	1.463	1.385	1.352	1.350	1.380	
x_2	0.9020	1.0000								
η /(mPa s)	1.449	1.564								
<i>T/K</i> = 303.15										93A1
x_2	0.0000	0.1046	0.2052	0.3095	0.4094	0.5075	0.6057	0.7026	0.8059	

η /(mPa s)	2.745	1.944	1.591	1.412	1.303	1.241	1.221	1.223	1.251
x_2	0.9020	1.0000							
η /(mPa s)	1.312	1.421							
T /K = 308.15									93A1
x_2	0.0000	0.1046	0.2052	0.3095	0.4094	0.5075	0.6057	0.7026	0.8059
η /(mPa s)	2.316	1.696	1.407	1.257	1.170	1.124	1.108	1.114	1.143
x_2	0.9020	1.0000							
η /(mPa s)	1.198	1.298							
1764	C₄H₁₀O (1) C₅H₁₀O (2)		butan-1-ol pentan-3-one						71-36-3 96-22-0
T /°C = 25.0									61L1
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
η /(mPa s)	0.268	0.332	0.453	0.556	0.692	1.217	2.442		
1765	C₄H₁₀O (1) C₅H₁₂ (2)		butan-1-ol pentane						71-36-3 109-66-0
T /K = 298.15									97N2
x_1	0.0000	0.0549	0.1224	0.2107	0.2475	0.2799	0.3431	0.3956	
η /(mPa s)	0.217	0.233	0.253	0.298	0.321	0.347	0.400	0.458	
x_1	0.4401	0.4799	0.5300	0.5708	0.6105	0.6666	0.7124	0.7621	
η /(mPa s)	0.515	0.577	0.665	0.751	0.855	0.998	1.140	1.323	
x_1	0.8177	0.8778	1.0000						
η /(mPa s)	1.550	1.851	2.598						
T /°C = 10.0									65B1
x_2	0.0000	0.1233	0.2435	0.4175	0.4935	0.5883	0.6892	0.7941	0.8690
η /(mPa s)	0.251	0.300	0.381	0.607	0.816	1.073	1.448	2.061	2.674
x_2	1.0000								
η /(mPa s)	3.805								
T /°C = 20.0									65B1
x_2	0.0000	0.1233	0.2435	0.4175	0.4935	0.5883	0.6892	0.7941	0.8690
η /(mPa s)	0.219	0.258	0.319	0.481	0.609	0.809	1.042	1.440	1.832
x_2	1.0000								
η /(mPa s)	2.583								
T /K = 298.15									97N2
x_1	0.0000	0.0549	0.1224	0.2107	0.2475	0.2799	0.3431	0.3956	
ν /(mm ² /s)	0.349	0.370	0.396	0.456	0.486	0.522	0.592	0.668	
x_1	0.4401	0.4799	0.5300	0.5708	0.6105	0.6666	0.7124	0.7621	

$v/(mm^2/s)$	0.743	0.823	0.937	1.046	1.177	1.355	1.529	1.751
x_1	0.8177	0.8778	1.0000					
$v/(mm^2/s)$	2.021	2.375	3.224					

1766 **C₄H₁₀O (1)** **butan-1-ol** **71-36-3**
C₅H₁₂O (2) **2-methoxy-2-methyl-propane** **1634-04-4**

$T/K = 298.15$ 95R4

x_2	0.0000	0.1020	0.2000	0.2998	0.3995	0.5111	0.6008	0.6996	0.7994
$\eta/(mPa \cdot s)$	2.580	1.940	1.480	1.140	0.902	0.719	0.613	0.529	0.460
x_2	0.9005	1.0000							
$\eta/(mPa \cdot s)$	0.401	0.348							

1767 **C₄H₁₀O (1)** **butan-2-ol** **78-92-2**
C₅H₁₂O (2) **2-methoxy-2-methyl-propane** **1634-04-4**

$T/K = 298.15$ 95R4

x_2	0.0000	0.0999	0.1992	0.2992	0.3976	0.5030	0.6017	0.6989	0.7986
$\eta/(mPa \cdot s)$	3.030	2.160	1.570	1.160	0.910	0.725	0.609	0.518	0.443
x_2	0.8979	1.0000							
$\eta/(mPa \cdot s)$	0.384	0.348							

1768 **C₄H₁₀O (1)** **2-methyl-propan-1-ol** **78-83-1**
C₅H₁₂O (2) **2-methoxy-2-methyl-propane** **1634-04-4**

$T/K = 298.15$ 95R4

x_2	0.0000	0.1007	0.2009	0.2996	0.3951	0.5020	0.6038	0.7002	0.8022
$\eta/(mPa \cdot s)$	3.380	2.390	1.720	1.270	0.987	0.776	0.637	0.536	0.449
x_2	0.9008	1.0000							
$\eta/(mPa \cdot s)$	0.385	0.348							

1769 **C₄H₁₀O (1)** **2-methyl-propan-2-ol** **75-65-0**
C₅H₁₂O (2) **2-methoxy-2-methyl-propane** **1634-04-4**

$T/K = 303.15$ 93F1

x_2	0.0000	0.0443	0.0877	0.1262	0.1702	0.2519	0.2645	0.3232	0.3619
$\eta/(mPa \cdot s)$	3.3653	2.7257	2.2362	1.8939	1.5871	1.1922	1.1463	0.9699	0.8794
x_2	0.4504	0.5434	0.5686	0.6631	0.7872	0.8887	0.9442	1.0000	
$\eta/(mPa \cdot s)$	0.7203	0.5955	0.5668	0.4759	0.3997	0.3669	0.3487	0.3163	

$T/K = 313.15$ 93F1

x_2	0.0000	0.0480	0.0499	0.0796	0.0920	0.1717	0.2531	0.2670	0.3697
$\eta/(mPa \cdot s)$	2.0807	1.7419	1.7300	1.5564	1.4908	1.1493	0.9105	0.8780	0.6901

x_2	0.4552	0.5678	0.6723	0.7686	0.8802	0.9456	1.0000		
$\eta /(\text{mPa s})$	0.5827	0.4803	0.4109	0.3634	0.3241	0.3050	0.2876		

1770	C₄H₁₀O (1)		butan-1-ol						71-36-3
	C₅H₁₂O (2)		3-methyl-butan-1-ol						123-51-3

$T / ^\circ\text{C} = 25.0$ 33T1

x_2	0.0000	0.0828	0.1985	0.3004	0.3954	0.4995	0.5974	0.7023	0.7960
$\eta /(\text{mPa s})$	2.5617	2.6152	2.7457	2.7507	2.9719	3.0928	3.2105	3.3432	3.4722
x_2	0.8977	1.0000							
$\eta /(\text{mPa s})$	3.6200	3.7563							

$T / ^\circ\text{C} = 35.0$ 70T1

x_1	0.1001	0.2004	0.3004	0.4001	0.4998	0.5998	0.6998	0.8003	0.9002
$\nu /(\text{mm}^2/\text{s})$	3.3992	3.2627	3.1809	3.0992	2.9117	2.8764	2.7629	2.6638	2.5826

1771	C₄H₁₀O (1)		2-methyl-propan-1-ol						78-83-1
	C₅H₁₂O (2)		3-methyl-butan-1-ol						123-51-3

$T / ^\circ\text{C} = 20.0$ 56T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta /(\text{mPa s})$	4.009	4.048	4.099	4.163	4.241	4.366			

$T / ^\circ\text{C} = 40.0$ 56T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta /(\text{mPa s})$	2.138	2.178	2.220	2.270	2.326	2.392			

$T / ^\circ\text{C} = 60.0$ 56T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta /(\text{mPa s})$	1.233	1.268	1.305	1.343	1.382	1.423			

1772	C₄H₁₀O (1)		butan-1-ol						71-36-3
	C₅H₁₂O (2)		pentan-1-ol						71-41-0

$T/\text{K} = 293.15$ 99S2

x_1	0.0000	0.1315	0.2780	0.4762	0.5662	0.8222	0.9381	1.0000	
$\eta /(\text{mPa s})$	4.051	3.867	3.700	3.489	3.392	3.127	3.013	2.962	

$T/\text{K} = 298.15$ 99S2

x_1	0.0000	0.1315	0.2780	0.4762	0.5662	0.8222	0.9381	1.0000	
$\eta /(\text{mPa s})$	3.497	3.353	3.232	3.038	2.959	2.738	2.642	2.597	

$T/\text{K} = 308.15$ 98S1

x_1	0.0000	0.1315	0.2780	0.4762	0.5662	0.8222	0.9381	1.0000	
$\eta /(\text{mPa s})$	2.652	2.549	2.453	2.337	2.274	2.108	2.044	2.017	

$T/K = 313.15$									98S1
x_1	0.0000	0.1315	0.2780	0.4762	0.5662	0.8222	0.9381	1.0000	
$\eta /(\text{mPa s})$	2.333	2.240	2.171	2.060	2.011	1.873	1.815	1.793	
$T/K = 293.15$									99S2
x_1	0.0000	0.1315	0.2780	0.4762	0.5662	0.8222	0.9381	1.0000	
$\nu /(\text{mm}^2/\text{s})$	4.973	4.749	4.549	4.294	4.176	3.857	3.720	3.659	
$T/K = 298.15$									99S2
x_1	0.0000	0.1315	0.2780	0.4762	0.5662	0.8222	0.9381	1.0000	
$\nu /(\text{mm}^2/\text{s})$	4.312	4.136	3.992	3.757	3.661	3.393	3.278	3.224	
$T/K = 308.15$									98S1
x_1	0.0000	0.1315	0.2780	0.4762	0.5662	0.8222	0.9381	1.0000	
$\nu /(\text{mm}^2/\text{s})$	3.301	3.175	3.058	2.917	2.840	2.638	2.560	2.528	
$T/K = 313.15$									98S1
x_1	0.0000	0.1315	0.2780	0.4762	0.5662	0.8222	0.9381	1.0000	
$\nu /(\text{mm}^2/\text{s})$	2.917	2.802	2.719	2.583	2.523	2.354	2.284	2.257	
1773	C₄H₁₀O (1) C₅H₁₃NO₂S (2)	butan-1-ol N,N-diethyl-methanesulfonamide						71-36-3 2374-61-0	
$T/K = 303.15$									88P1
x_2	0.0000	0.0631	0.1404	0.2197	0.2937	0.3626	0.4515	0.5227	0.6053
$\eta /(\text{mPa s})$	2.272	2.045	1.942	1.918	1.942	1.985	2.078	2.175	2.340
x_2	0.6908	0.7579	0.8437	0.9281	1.0000				
$\eta /(\text{mPa s})$	2.550	2.742	3.089	3.552	4.059				
1774	C₄H₁₀O (1) C₅H₁₃NO₂S (2)	2-methyl-propan-2-ol N,N-diethyl-methanesulfonamide						75-65-0 2374-61-0	
$T/K = 303.15$									88P1
x_2	0.0000	0.0764	0.1463	0.2364	0.3171	0.3944	0.4712	0.5369	0.6062
$\eta /(\text{mPa s})$	3.376	2.857	2.630	2.482	2.437	2.453	2.501	2.579	2.664
x_2	0.6888	0.7621	0.8534	0.9381	1.0000				
$\eta /(\text{mPa s})$	2.796	3.010	3.304	3.657	4.059				
1775	C₄H₁₀O (1) C₅H₁₄OSi (2)	butan-1-ol ethoxy-trimethyl-silane						71-36-3 1825-62-3	
$T/^\circ\text{C} = 20.0$									64V1
x_2	0.0000	0.0612	0.1280	0.2010	0.2813	0.3699	0.4683	0.5781	0.7014
$\eta /(\text{mPa s})$	2.9500	2.4228	1.9700	1.6190	1.2890	1.0352	0.8231	0.6476	0.5378

x_2	0.8383	1.0000
$\eta^E/(\text{mPa s})$	0.4282	0.3627

1776	C₄H₁₀O (1)	butan-1-ol	71-36-3
	C₆H₅Br (2)	bromobenzene	108-86-1

$T/\text{K} = 298.15$									96A7
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x_2	0.1006	0.1994	0.3003	0.3944	0.4961	0.6003	0.6983	0.7966	0.8960
$\eta^E/(\text{mPa s})$	-0.1601	-0.3158	-0.4253	-0.4761	-0.4811	-0.4365	-0.3798	-0.2879	-0.166

$T/\text{K} = 313.15$									96A7
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x_2	0.1006	0.1994	0.3003	0.3944	0.4961	0.6003	0.6983	0.7966	0.8960
$\eta^E/(\text{mPa s})$	-0.1168	-0.2140	-0.2787	-0.3056	-0.3065	-0.2834	-0.2467	-0.1867	-0.117

1777	C₄H₁₀O (1)	butan-2-ol	78-92-2
	C₆H₅Br (2)	bromobenzene	108-86-1

$T/\text{K} = 298.15$									97A3
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x_2	0.1021	0.2042	0.2975	0.4008	0.4975	0.5995	0.7001	0.8033	0.8997
$\eta^E/(\text{mPa s})$	-0.5899	-0.8681	-0.9477	-0.9311	-0.8549	-0.7338	-0.5862	-0.4136	-0.232

$T/\text{K} = 313.15$									97A3
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x_2	0.1021	0.2042	0.2975	0.4008	0.4975	0.5995	0.7001	0.8033	0.8997
$\eta^E/(\text{mPa s})$	-0.2876	-0.4247	-0.4689	-0.4666	-0.4348	-0.3797	-0.3098	-0.2257	-0.131

1778	C₄H₁₀O (1)	2-methyl-propan-1-ol	78-83-1
	C₆H₅Br (2)	bromobenzene	108-86-1

$T/\text{K} = 298.15$									98A7
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x_2	0.0000	0.1065	0.1936	0.2949	0.4015	0.5016	0.6014	0.7006	0.7967
$\eta^E/(\text{mPa s})$	3.3328	2.6494	2.2049	1.8307	1.5322	1.3596	1.2308	1.1411	1.0882

x_2	0.8995	1.0000
$\eta^E/(\text{mPa s})$	1.0548	1.0715

$T/\text{K} = 313.15$									98A7
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x_2	0.1065	0.1936	0.2949	0.4015	0.5016	0.6014	0.7006	0.7967	0.8995
$\eta^E/(\text{mPa s})$	1.7269	1.4828	1.2805	1.1163	1.0219	0.9534	0.9062	0.8769	0.8637

1779	C₄H₁₀O (1)	butan-1-ol	71-36-3
	C₆H₅Cl (2)	chlorobenzene	108-90-7

$T/\text{K} = 298.15$									96A7
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x_2	0.0944	0.2022	0.3004	0.4044	0.5062	0.6010	0.7033	0.7704	0.8960
$\eta^E/(\text{mPa s})$	-0.2279	-0.4096	-0.5163	-0.5622	-0.5485	-0.4960	-0.4124	-0.3389	-0.173

$T/\text{K} = 313.15$									96A7
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x_2	0.0944	0.2022	0.3004	0.4044	0.5062	0.6010	0.7033	0.7704	0.8960
$\eta^E/(\text{mPa s})$	-0.1614	-0.2721	-0.3337	-0.3605	-0.3503	-0.3151	-0.2645	-0.2185	-0.114
1780	C₄H₁₀O (1) C₆H₅Cl (2)		butan-2-ol chlorobenzene						78-92-2 108-90-7
$T/\text{K} = 298.15$									97A3
x_2	0.1016	0.2016	0.3006	0.4055	0.5007	0.5972	0.6957	0.8001	0.8995
$\eta^E/(\text{mPa s})$	-0.6659	-0.9528	-1.0354	-0.9997	-0.9124	-0.7811	-0.6210	-0.4295	-0.228
$T/\text{K} = 313.15$									97A3
x_2	0.1016	0.2016	0.3006	0.4055	0.5007	0.5972	0.6957	0.8001	0.8995
$\eta^E/(\text{mPa s})$	-0.3296	-0.4730	-0.5190	-0.5073	-0.4671	-0.4053	-0.3261	-0.2303	-0.126
1781	C₄H₁₀O (1) C₆H₅Cl (2)		2-methyl-propan-1-ol chlorobenzene						78-83-1 108-90-7
$T/\text{K} = 298.15$									98A7
x_2	0.0000	0.1010	0.2015	0.2966	0.4019	0.4952	0.5976	0.6965	0.8009
$\eta/(\text{mPa s})$	3.3328	2.5578	1.9752	1.5934	1.3007	1.1247	0.9772	0.8803	0.8094
x_2	0.8977	1.0000							
$\eta/(\text{mPa s})$	0.7666	0.7519							
$T/\text{K} = 313.15$									98A7
x_2	0.1010	0.2015	0.2966	0.4019	0.4952	0.5976	0.6965	0.8009	0.8977
$\eta/(\text{mPa s})$	1.6627	1.3360	1.1276	0.9531	0.8497	0.7614	0.7035	0.6586	0.6330
1782	C₄H₁₀O (1) C₆H₅NO₂ (2)		butan-1-ol nitrobenzene						71-36-3 98-95-3
$T/\text{K} = 298.15$									95N1
x_2	0.0000	0.0625	0.1311	0.2051	0.2885	0.3760	0.4747	0.5846	0.7007
$\eta/(\text{mPa s})$	2.5457	2.3109	2.1425	1.9535	1.8138	1.8105	1.6499	1.5893	1.6250
x_2	0.8422	1.0000							
$\eta/(\text{mPa s})$	1.6580	1.8215							
$T/\text{K} = 303.15$									95N1
x_2	0.0000	0.0625	0.1311	0.2051	0.2885	0.3760	0.4747	0.5846	0.7007
$\eta/(\text{mPa s})$	2.2225	2.0751	1.8784	1.7387	1.6112	1.5595	1.4232	1.4463	1.4755
x_2	0.8422	1.0000							
$\eta/(\text{mPa s})$	1.5088	1.6655							
$T/^\circ\text{C} = 25.0$									91J2
x_2	0.0000	0.0898	0.1811	0.2714	0.3673	0.4671	0.5672	0.6692	0.7769
$\eta/(\text{mPa s})$	2.6013	2.2539	2.0278	1.9002	1.7727	1.7013	1.6497	1.6330	1.6227

x_2	0.8861	1.0000							
η /(mPa s)	1.6758	1.7684							
$T/^\circ\text{C} = 30.0$									91J2
x_2	0.0000	0.0898	0.1811	0.2714	0.3673	0.4671	0.5672	0.6692	0.7769
η /(mPa s)	2.1390	1.8541	1.6775	1.5569	1.4704	1.4353	1.3970	1.3856	1.3901
x_2	0.8861	1.0000							
η /(mPa s)	1.4501	1.6201							
$T/^\circ\text{C} = 35.0$									91J2
x_2	0.0000	0.0898	0.1811	0.2714	0.3673	0.4671	0.5672	0.6692	0.7769
η /(mPa s)	1.9397	1.6509	1.5301	1.4308	1.3582	1.3321	1.2948	1.2942	1.3133
x_2	0.8861	1.0000							
η /(mPa s)	1.3618	1.5274							
$T/^\circ\text{C} = 40.0$									91J2
x_2	0.0000	0.0898	0.1811	0.2714	0.3673	0.4671	0.5672	0.6692	0.7769
η /(mPa s)	1.6473	1.4383	1.3165	1.2441	1.1836	1.1660	1.1392	1.1408	1.1531
x_2	0.8861	1.0000							
η /(mPa s)	1.2162	1.3544							
$T/^\circ\text{C} = 35.0$									34S2
x_2	0.00	0.20	0.40	0.60	0.80	0.90	0.95	1.00	
η /(mPa s)	2.024	1.580	1.411	1.339	1.350	1.403	1.453	1.601	
$T/^\circ\text{C} = 45.0$									34S2
x_2	0.00	0.20	0.40	0.60	0.80	0.90	0.95	1.00	
η /(mPa s)	1.553	1.270	1.128	1.109	1.147	1.196	1.252	1.327	
$T/^\circ\text{C} = 55.0$									34S2
x_2	0.00	0.20	0.40	0.60	0.80	0.90	0.95	1.00	
η /(mPa s)	1.223	1.013	0.949	0.931	0.986	1.035	1.081	1.124	
$T/^\circ\text{C} = 65.0$									34S2
x_2	0.00	0.20	0.40	0.60	0.80	0.90	0.95	1.00	
η /(mPa s)	0.994	0.836	0.807	0.802	0.854	0.906	0.649	0.980	
$T/^\circ\text{C} = 75.0$									34S2
x_2	0.00	0.20	0.40	0.60	0.80	0.90	0.95	1.00	
η /(mPa s)	0.810	0.711	0.687	0.706	0.760	0.810	0.847	0.878	
$T/^\circ\text{C} = 80.0$									34S2
x_2	0.00	0.20	0.40	0.60	0.80	0.90	0.95	1.00	
η /(mPa s)	0.733	0.660	0.633	0.665	0.722	0.770	0.805	0.827	

1783 **C₄H₁₀O (1)** **2-methyl-propan-1-ol** **78-83-1**
C₆H₅NO₂ (2) **nitrobenzene** **98-95-3**

$T/\text{K} = 298.15$ 95N1

x_2	0.0000	0.0630	0.1521	0.2051	0.2864	0.3760	0.4746	0.6038	0.7066
η /(mPa s)	3.4098	2.8041	2.4161	2.2278	2.0538	1.8844	1.8114	1.7549	1.7012
x_2	0.8442	1.0000							
η /(mPa s)	1.6768	1.8273							
T /K = 303.15									95N1
x_2	0.0000	0.0630	0.1521	0.2051	0.2864	0.3760	0.4746	0.6038	0.7066
η /(mPa s)	2.8812	2.4232	2.0725	1.9650	1.8190	1.6766	1.5956	1.5378	1.4946
x_2	0.8442	1.0000							
η /(mPa s)	1.5174	1.6655							
T /°C = 25.0									91J2
x_2	0.0000	0.0927	0.1877	0.2822	0.3766	0.4758	0.5769	0.6767	0.7829
η /(mPa s)	3.2015	2.4926	2.1221	1.8916	1.7599	1.6374	1.5749	1.5585	1.5495
x_2	0.8888	1.0000							
η /(mPa s)	1.5816	1.7684							
T /°C = 30.0									91J2
x_2	0.0000	0.0927	0.1877	0.2822	0.3766	0.4758	0.5769	0.6767	0.7829
η /(mPa s)	2.7418	2.1208	1.8189	1.6502	1.5715	1.4948	1.4326	1.4121	1.4177
x_2	0.8888	1.0000							
η /(mPa s)	1.4552	1.6201							
T /°C = 35.0									91J2
x_2	0.0000	0.0927	0.1877	0.2822	0.3766	0.4758	0.5769	0.6767	0.7829
η /(mPa s)	2.2520	1.9181	1.6728	1.5332	1.4273	1.3681	1.3368	1.3181	1.3323
x_2	0.8888	1.0000							
η /(mPa s)	1.3755	1.5274							
T /°C = 40.0									91J2
x_2	0.0000	0.0927	0.1877	0.2822	0.3766	0.4758	0.5769	0.6767	0.7829
η /(mPa s)	1.8690	1.5789	1.4218	1.3068	1.2253	1.1877	1.1732	1.1728	1.1721
x_2	0.8888	1.0000							
η /(mPa s)	1.2190	1.3544							
T /°C = 9.4									28E1
x_1	0.0000	0.0784	0.1559	0.2576	0.3064	0.3589	0.4160	0.4690	0.5153
η /(mPa s)	2.500	2.373	2.290	2.231	2.218	2.235	2.261	2.297	2.355
x_1	0.5683	0.6336	0.6873	0.7431	0.7785	0.8096	0.8366	0.8622	0.8969
η /(mPa s)	2.402	2.503	2.602	2.778	2.887	2.981	3.150	3.310	3.575
x_1	0.9153	0.9389	0.9509	0.9759	0.9891	1.0000			
η /(mPa s)	3.756	4.054	4.232	4.835	5.162	5.670			
T /°C = 25.0									28E1
x_1	0.0000	0.0784	0.1559	0.2576	0.3064	0.3589	0.4160	0.4690	0.5153
η /(mPa s)	1.837	1.765	1.710	1.652	1.637	1.633	1.640	1.645	1.664

x_1	0.5683	0.6336	0.6873	0.7431	0.7785	0.8096	0.8366	0.8622	0.8969
$\eta /(\text{mPa s})$	1.697	1.737	1.780	1.853	1.922	1.975	2.065	2.149	2.350
x_1	0.9153	0.9389	0.9509	0.9759	0.9891	1.0000			
$\eta /(\text{mPa s})$	2.482	2.663	2.760	2.888	3.050	3.320			
$T / ^\circ\text{C} = 45.0$									28E1
x_1	0.0000	0.0784	0.1559	0.2576	0.3064	0.3589	0.4160	0.4690	0.5153
$\eta /(\text{mPa s})$	1.292	1.292	1.259	1.218	1.181	1.177	1.162	1.156	1.158
x_1	0.5683	0.6336	0.6873	0.7431	0.7785	0.8096	0.8366	0.8622	0.8969
$\eta /(\text{mPa s})$	1.162	1.183	1.219	1.263	1.317	1.342	1.398	1.429	1.516
x_1	0.9153	0.9389	0.9509	0.9759	0.9891	1.0000			
$\eta /(\text{mPa s})$	1.575	1.660	1.692	1.791	1.803	1.847			
$T / ^\circ\text{C} = 65.0$									28E1
x_1	0.0000	0.0784	0.1559	0.2576	0.3064	0.3589	0.4160	0.4690	0.5153
$\eta /(\text{mPa s})$	1.003	0.954	0.915	0.873	0.860	0.840	0.824	0.820	0.812
x_1	0.5683	0.6336	0.6873	0.7431	0.7785	0.8096	0.8366	0.8622	0.8969
$\eta /(\text{mPa s})$	0.800	0.797	0.798	0.803	0.810	0.819	0.838	0.851	0.885
x_1	0.9153	0.9389	0.9509	0.9759	0.9891	1.0000			
$\eta /(\text{mPa s})$	0.918	0.948	0.978	1.032	1.062	1.097			
$T / ^\circ\text{C} = 85.0$									28E1
x_1	0.0000	0.0784	0.1559	0.2576	0.3064	0.3589	0.4160	0.4690	0.5153
$\eta /(\text{mPa s})$	0.781	0.737	0.700	0.660	0.636	0.621	0.606	0.588	0.545
x_1	0.5683	0.6336	0.6873	0.7431	0.7785	0.8096	0.8366	0.8622	0.8969
$\eta /(\text{mPa s})$	0.571	0.560	0.558	0.550	0.560	0.564	0.580	0.597	0.617
x_1	0.9153	0.9389	0.9509	0.9759	0.9891	1.0000			
$\eta /(\text{mPa s})$	0.623	0.638	0.646	0.666	0.687	0.698			
$T / ^\circ\text{C} = 105.0$									28E1
x_1	0.0000	0.0784	0.1559	0.2576	0.3064	0.3589	0.4160	0.4690	0.5153
$\eta /(\text{mPa s})$	0.655	0.637	0.600	0.560	0.540	0.518	0.502	0.478	0.469
x_1	0.5683	0.6336	0.6873	0.7431	0.7785	0.8096	0.8366	0.8622	0.8969
$\eta /(\text{mPa s})$	0.452	0.439	0.437	0.423	0.422	0.421	0.423	0.437	0.442
x_1	0.9153	0.9389	0.9509	0.9759	0.9891	1.0000			
$\eta /(\text{mPa s})$	0.450	0.456	0.460	0.470	0.480	0.483			

1784**C₄H₁₀O (1)**
C₆H₅NO₂ (2)**2-methyl-propan-2-ol**
nitrobenzene**75-65-0**
98-95-3 $T / \text{K} = 298.15$

95N1

x_2	0.0000	0.0627	0.1307	0.2059	0.2864	0.3758	0.4746	0.5843	0.7067
$\eta /(\text{mPa s})$	4.4453	3.2047	2.5764	2.2556	2.0008	1.8378	1.7112	1.6550	1.6966
x_2	0.8442	1.0000							
$\eta /(\text{mPa s})$	1.6815	1.8215							

$T/K = 303.15$									95N1
x_2	0.0000	0.0627	0.1307	0.2059	0.2864	0.3758	0.4746	0.5843	0.7067
$\eta /(\text{mPa s})$	3.3775	2.3754	2.1522	1.8962	1.7316	1.6219	1.5062	1.4682	1.4774
x_2	0.8442	1.0000							
$\eta /(\text{mPa s})$	1.5380	1.6655							
1785	C₄H₁₀O (1) C₆H₆ (2)		butan-1-ol benzene						71-36-3 71-43-2
$T/K = 298.15$									96L2
x_2	0.0000	0.1002	0.2083	0.4003	0.5042	0.6034	0.7538	0.9008	1.0000
$\eta /(\text{mPa s})$	2.5984	2.1500	1.7115	1.1754	0.9837	0.8355	0.6961	0.6269	0.6100
$T/^\circ\text{C} = 25.0$									66D2
w_1	0.0000	0.2067	0.3956	0.5908	0.8001	1.0000			
$\eta /(\text{mPa s})$	0.592	0.657	0.824	1.119	1.710	2.525			
$T/^\circ\text{C} = 35.0$									66D2
w_1	0.0000	0.2067	0.3956	0.5908	0.8001	1.0000			
$\eta /(\text{mPa s})$	0.517	0.564	0.691	0.911	1.353	1.962			
$T/^\circ\text{C} = 20.0$									58L2
x_1	0.2	0.4	0.5	0.6	0.8	1.0			
$\eta /(\text{mPa s})$	0.714	0.898	1.054	1.279	1.920	2.916			
$T/^\circ\text{C} = 30.0$									58L2
x_1	0.2	0.4	0.5	0.6	0.8	1.0			
$\eta /(\text{mPa s})$	0.604	0.746	0.864	1.021	1.490	2.253			
$T/^\circ\text{C} = 35.0$									58L2
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
$\eta /(\text{mPa s})$	0.527	0.562	0.687	0.791	0.924	1.335	1.974		
$T/^\circ\text{C} = 45.0$									58L2
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
$\eta /(\text{mPa s})$	0.464	0.490	0.584	0.662	0.761	1.062	1.539		
$T/^\circ\text{C} = 25.0$									48J1
w_1	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
$\eta /(\text{mPa s})$	0.603	0.604	0.620	0.664	0.842	1.006	1.178	1.684	2.587
1786	C₄H₁₀O (1) C₆H₆ (2)		butan-2-ol benzene						78-92-2 71-43-2
$T/K = 298.15$									96L2
x_2	0.0000	0.0941	0.1790	0.3963	0.4992	0.6032	0.7490	0.8998	1.0000

$\eta /(\text{mPa s})$	3.1057	2.1900	1.6494	0.9995	0.8428	0.7601	0.6576	0.6200	0.6100
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1787	C₄H₁₀O (1) C₆H₆ (2)	ethoxy-ethane benzene							60-29-7 71-43-2
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$T / ^\circ\text{C} = 20.0$									58L2
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x_1	0.2	0.4	0.5	0.6	0.8	1.0			
$\eta /(\text{mPa s})$	0.504	0.407	0.371	0.339	0.289	0.250			

$T / ^\circ\text{C} = 25.0$									55Z1
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x_2	0.000	0.275	0.556	0.747	1.000				
$\eta /(\text{mPa s})$	0.230	0.282	0.362	0.438	0.599				

$T / ^\circ\text{C} = 10.0$									30B1, 30B2
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w_2	0.0000	0.3515	0.5558	0.7952	1.0000				
$\eta /(\text{mPa s})$	0.2591	0.382	0.425	0.561	0.758				

$T / ^\circ\text{C} = 20.0$									30B1, 30B2
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w_2	0.0000	0.3515	0.5558	0.7952	1.0000				
$\eta /(\text{mPa s})$	0.235	0.312	0.378	0.491	0.6465				

$T / ^\circ\text{C} = 30.0$									30B1, 30B2
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w_2	0.0000	0.3515	0.5558	0.7952	1.0000				
$\eta /(\text{mPa s})$	0.213	0.283	0.3384	0.4335	0.560				

$T / ^\circ\text{C} = 15.0$									06G1
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φ_1	0.00	0.50	0.75	1.00					
$\eta /(\text{mPa s})$	0.704	0.395	0.312	0.247					

$T / ^\circ\text{C} = 20.0$									06G1
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φ_1	0.00	0.25	0.50	0.75	1.00				
$\eta /(\text{mPa s})$	0.644	0.482	0.381	0.300	0.235				

$T / ^\circ\text{C} = 25.0$									06G1
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φ_1	0.00	0.25	0.50	0.75	1.00				
$\eta /(\text{mPa s})$	0.606	0.455	0.366	0.288	0.223				

$T / ^\circ\text{C} = 30.0$									06G1
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φ_1	0.00	0.25	0.50	0.75	1.00				
$\eta /(\text{mPa s})$	0.562	0.430	0.346	0.278	0.212				

$T / ^\circ\text{C} = 35.0$									06G1
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φ_1	0.00	0.25	0.50						
$\eta /(\text{mPa s})$	0.527	0.408	0.322						

1788	C₄H₁₀O (1) C₆H₆ (2)	2-methyl-propan-1-ol benzene							78-83-1 71-43-2
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<i>T</i> /K = 298.15										96L2
x_2	0.0000	0.0810	0.2034	0.4003	0.5005	0.6032	0.7507	0.9004	1.0000	
η /(mPa s)	3.3816	2.7024	1.9444	1.2089	0.9948	0.8317	0.7056	0.6218	0.6100	
1789	C₄H₁₀O (1) C₆H₆ (2)	2-methyl-propan-2-ol benzene							75-65-0 71-43-2	
<i>T</i> /K = 298.15										96L2
x_2	0.0000	0.1022	0.2040	0.4067	0.5058	0.6076	0.7544	0.9027	1.0000	
η /(mPa s)	4.4401	2.4591	1.6559	0.9857	0.8503	0.7468	0.6656	0.6200	0.6100	
<i>T</i> /K = 303.2										95R6
x_2	0.000	0.050	0.100	0.150	0.200	0.300	0.400	0.500	0.600	
η /(mPa s)	3.333	2.528	1.968	1.598	1.356	1.060	0.870	0.753	0.671	
x_2	0.700	0.800	0.850	0.900	0.950	1.000				
η /(mPa s)	0.609	0.570	0.559	0.553	0.552	0.554				
<i>T</i> /°C = 25.0										36S1
w_1	0.0000	0.00998	0.01930	0.02570	0.03225	0.04162	0.04759	0.05979	0.0721	
η /(mPa s)	0.602	0.5987	0.5966	0.5958	0.5955	0.5954	0.5954	0.5966	0.5980	
w_1	0.0800	0.1528	0.2376	0.5008	0.8980	1.0000				
η /(mPa s)	0.5955	0.6201	0.6577	0.8860	2.5789	4.1905				
1790	C₄H₁₀O (1) C₆H₆O (2)	ethoxy-ethane phenol							60-29-7 108-95-2	
<i>T</i> /°C = 15.0										24W4
x_2	0.3333	0.4032	0.4950	0.6097	0.6579	0.7407				
η/η_{water}	0.64	0.87	1.33	2.14	2.69	4.01				
1791	C₄H₁₀O (1) C₆H₆O₂ (2)	ethoxy-ethane benzene-1,2-diol							60-29-7 120-80-9	
<i>T</i> /°C = 17.0										25W1
x_1	0.56	0.60	0.71	0.78	0.80	0.82				
η/η_{water}	2.9	2.4	1.0	0.7	0.6	0.5				
1792	C₄H₁₀O (1) C₆H₆O₂ (2)	ethoxy-ethane benzene-1,3-diol							60-29-7 108-46-3	
<i>T</i> /°C = 17.0										25W1
x_1	0.60	0.66	0.75	0.80	0.82					
η/η_{water}	6.0	2.8	1.1	0.6	0.5					

1793	C₄H₁₀O (1) C₆H₆O₃ (2)	ethoxy-ethane benzene-1,2,3-triol							60-29-7 87-66-1
<i>T</i> / °C = 20.0									25W2
<i>x</i> ₂	0.2000	0.2222	0.2500	0.2857	0.3333				
<i>η</i> / <i>η</i> _{water}	0.92	1.35	2.03	2.94	4.44				
1794	C₄H₁₀O (1) C₆H₇N (2)	butan-1-ol aniline							71-36-3 62-53-3
<i>T</i> / °C = 25.0									72K1
<i>x</i> ₂	0.00000	0.09983	0.19349	0.30514	0.40554	0.48372	0.60049	0.69459	
<i>η</i> /(mPa s)	2.592	2.368	2.278	2.249	2.287	2.343	2.474	2.637	
<i>x</i> ₂	0.80276	0.89956	1.00000						
<i>η</i> /(mPa s)	2.899	3.231	3.773						
<i>T</i> / °C = 25.0									71K1
<i>x</i> ₂	0.00000	0.09983	0.19349	0.30514	0.40554	0.48372	0.60049	0.69459	
<i>η</i> /(mPa s)	2.592	2.368	2.278	2.249	2.287	2.343	2.474	2.637	
<i>x</i> ₂	0.80276	0.89956	1.00000						
<i>η</i> /(mPa s)	2.899	3.231	3.773						
<i>T</i> / °C = 30.0									71K1
<i>x</i> ₂	0.00000	0.09983	0.19349	0.30514	0.40554	0.48372	0.60049	0.69459	
<i>η</i> /(mPa s)	2.224	2.049	1.965	1.941	1.965	2.010	2.130	2.248	
<i>x</i> ₂	0.80276	0.89956	1.00000						
<i>η</i> /(mPa s)	2.468	2.745	3.184						
<i>T</i> / °C = 35.0									71K1
<i>x</i> ₂	0.00000	0.09983	0.19349	0.30514	0.40554	0.48372	0.60049	0.69459	
<i>η</i> /(mPa s)	1.958	1.800	1.734	1.703	1.722	1.770	1.857	1.971	
<i>x</i> ₂	0.80276	0.89956	1.00000						
<i>η</i> /(mPa s)	2.144	2.375	2.748						
<i>T</i> / °C = 40.0									71K1
<i>x</i> ₂	0.00000	0.09983	0.19349	0.30514	0.40554	0.48372	0.60049	0.69459	
<i>η</i> /(mPa s)	1.700	1.568	1.500	1.440	1.468	1.529	1.613	1.709	
<i>x</i> ₂	0.80276	0.89956	1.00000						
<i>η</i> /(mPa s)	1.861	2.048	2.345						
1795	C₄H₁₀O (1) C₆H₇N (2)	ethoxy-ethane aniline							60-29-7 62-53-3
<i>T</i> / °C = 0.0									14S1

x_2	0.0000	0.0997	0.2818	0.4604	0.7090	0.8732	1.0000		
η /(mPa s)	0.288	0.376	0.633	1.113	2.640	5.210	10.00		
T /°C = 25.0									14S1
x_2	0.0000	0.2162	0.4512	0.6973	1.0000				
η /(mPa s)	0.224	0.380	0.669	1.359	3.640				
1796	C₄H₁₀O (1) C₆H₇N (2)		butan-2-ol 4-methyl-pyridine						78-92-2 108-89-4
T /K = 298.15									99H1
x_1	0.0000	0.0808	0.1812	0.2378	0.3187	0.3221	0.3999	0.4574	0.5582
η /(mPa s)	0.8600	0.8992	0.9547	0.9923	1.0473	1.0520	1.1307	1.1860	1.3277
x_1	0.6284	0.7034	0.8528	0.9272	1.0000				
η /(mPa s)	1.4445	1.6084	2.0916	2.4459	2.8571				
1797	C₄H₁₀O (1) C₆H₇N (2)		2-methyl-propan-2-ol 4-methyl-pyridine						75-65-0 108-89-4
T /K = 298.15									99H1
x_1	0.0000	0.0724	0.2166	0.2902	0.3416	0.5070	0.6060	0.6484	0.7197
η /(mPa s)	0.8600	0.8901	0.9887	1.0564	1.1216	1.3865	1.6414	1.7774	2.0849
x_1	0.8000	0.8603	1.0000						
η /(mPa s)	2.5375	2.9587	4.3719						
1798	C₄H₁₀O (1) C₆H₁₀O (2)		butan-1-ol cyclohexanone						71-36-3 108-94-1
T /K = 298.15									95R5
x_2	0.0000	0.0997	0.2002	0.3002	0.3878	0.5036	0.6016	0.6966	0.7992
η /(mPa s)	2.58	2.13	1.87	1.73	1.66	1.63	1.64	1.67	1.74
x_2	0.8984	1.0000							
η /(mPa s)	1.82	1.93							
T /°C = 30.0									77R1
x_2	0.0000	0.1001	0.2591	0.4202	0.5804	0.7265	0.8935	1.0000	
η /(mPa s)	2.240	1.855	1.662	1.556	1.517	1.534	1.622	1.778	
1799	C₄H₁₀O (1) C₆H₁₀O (2)		butan-2-ol cyclohexanone						78-92-2 108-94-1
T /K = 298.15									95R5
x_2	0.0000	0.1006	0.2090	0.3005	0.4030	0.4997	0.6002	0.6988	0.8007
η /(mPa s)	3.03	2.33	1.90	1.66	1.55	1.51	1.50	1.57	1.66

x_2	0.8986	1.0000
$\eta /(\text{mPa s})$	1.79	1.93

1800	C₄H₁₀O (1) C₆H₁₀O (2)	ethoxy-ethane cyclohexanone	60-29-7 108-94-1
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$T / ^\circ\text{C} = 20.0$										25W2
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x_2	0.2000	0.2500	0.2857	0.3333	0.4000	0.5000	0.6666			
$\eta / \eta_{\text{water}}$	3.81	3.93	4.03	4.12	4.38	4.92	6.28			

1801	C₄H₁₀O (1) C₆H₁₀O (2)	2-methyl-propan-1-ol cyclohexanone	78-83-1 108-94-1
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$T / \text{K} = 298.15$										95R5
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x_2	0.0000	0.1012	0.2016	0.2990	0.3994	0.5008	0.5978	0.6982	0.7981
$\eta /(\text{mPa s})$	3.40	2.58	2.15	1.90	1.77	1.72	1.70	1.69	1.71

x_2	0.8985	1.0000
$\eta /(\text{mPa s})$	1.77	1.93

1802	C₄H₁₀O (1) C₆H₁₁Br (2)	butan-1-ol bromocyclohexane	71-36-3 108-85-0
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$T / \text{K} = 298.15$										96A7
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x_2	0.1003	0.2011	0.3037	0.3997	0.5003	0.5964	0.7028	0.8051	0.9063
$\eta^E /(\text{mPa s})$	-0.1836	-0.3212	-0.4131	-0.4579	-0.4698	-0.4522	-0.4028	-0.3232	-0.199

$T / \text{K} = 313.15$										96A7
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x_2	0.1003	0.2011	0.3037	0.3997	0.5003	0.5964	0.7028	0.8051	0.9063
$\eta^E /(\text{mPa s})$	-0.1393	-0.2298	-0.2874	-0.3183	-0.3255	-0.3137	-0.2830	-0.2306	-0.138

1803	C₄H₁₀O (1) C₆H₁₁Br (2)	butan-2-ol bromocyclohexane	78-92-2 108-85-0
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$T / \text{K} = 298.15$										97A3
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x_2	0.1007	0.1983	0.3022	0.3966	0.4985	0.5941	0.6999	0.8021	0.8972
$\eta^E /(\text{mPa s})$	-0.5391	-0.7896	-0.8899	-0.8953	-0.8464	-0.7611	-0.6362	-0.4818	-0.303

$T / \text{K} = 313.15$										97A3
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x_2	0.1007	0.1983	0.3022	0.3966	0.4985	0.5941	0.6999	0.8021	0.8972
$\eta^E /(\text{mPa s})$	-0.2657	-0.4064	-0.4691	-0.4808	-0.4644	-0.4273	-0.3689	-0.2910	-0.191

1804	C₄H₁₀O (1) C₆H₁₁Br (2)	2-methyl-propan-1-ol bromocyclohexane	78-83-1 108-85-0
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$T / \text{K} = 298.15$										98A7
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x_2	0.0000	0.0998	0.2024	0.3028	0.3991	0.4983	0.5946	0.7011	0.8014
η /(mPa s)	3.3328	2.8708	2.4960	2.2524	2.0947	1.9815	1.9152	1.8783	1.8766
x_2	0.9015	1.0000							
η /(mPa s)	1.9152	2.0441							
T /K = 313.15									98A7
x_2	0.0998	0.2024	0.3028	0.3991	0.4983	0.5946	0.7011	0.8014	0.9015
η /(mPa s)	1.8460	1.6560	1.5392	1.4705	1.4204	1.4008	1.3988	1.4185	1.4647

1805 **C₄H₁₀O (1)** **butan-1-ol** **71-36-3**
C₆H₁₁Cl (2) **chlorocyclohexane** **542-18-7**

T /K = 298.15 96A7

x_2	0.1049	0.2062	0.3144	0.4058	0.5062	0.6073	0.7058	0.8082	0.9024
η^E /(mPa s)	-0.2149	-0.3579	-0.4543	-0.4852	-0.4895	-0.4570	-0.3970	-0.3105	-0.184

T /K = 313.15 96A7

x_2	0.1049	0.2062	0.3144	0.4058	0.5062	0.6073	0.7058	0.8082	0.9024
η^E /(mPa s)	-0.1440	-0.2457	-0.3008	-0.3229	-0.3247	-0.3032	-0.2674	-0.2149	-0.132

1806 **C₄H₁₀O (1)** **butan-2-ol** **78-92-2**
C₆H₁₁Cl (2) **chlorocyclohexane** **542-18-7**

T /K = 298.15 97A3

x_2	0.1063	0.1999	0.3075	0.4033	0.5027	0.6064	0.7044	0.7991	0.8982
η^E /(mPa s)	-0.5970	-0.8274	-0.9113	-0.9073	-0.8477	-0.7398	-0.6102	-0.4530	-0.259

T /K = 313.15 97A3

x_2	0.1063	0.1999	0.3075	0.4033	0.5027	0.6064	0.7044	0.7991	0.8982
η^E /(mPa s)	-0.3047	-0.4290	-0.4765	-0.4789	-0.4549	-0.4021	-0.3322	-0.2490	-0.141

1807 **C₄H₁₀O (1)** **2-methyl-propan-1-ol** **78-83-1**
C₆H₁₁Cl (2) **chlorocyclohexane** **542-18-7**

T /K = 298.15 98A7

x_2	0.0000	0.1018	0.2015	0.3066	0.4073	0.5034	0.5996	0.7053	0.8003
η /(mPa s)	3.3328	2.7714	2.3424	2.0349	1.8347	1.6874	1.5971	1.5253	1.5002

x_2	0.8949	1.0000							
η /(mPa s)	1.4998	1.5600							

T /K = 313.15 98A7

x_2	0.1018	0.2015	0.3066	0.4073	0.5034	0.5996	0.7053	0.8003	0.8949
η /(mPa s)	1.7837	1.5553	1.3927	1.2844	1.2228	1.1810	1.1460	1.1316	1.1438

1808 **C₄H₁₀O (1)** **butan-1-ol** **71-36-3**

	C₆H₁₂ (2)		cyclohexane						110-82-7	
<i>T</i> /K = 298.15										96L2
<i>x</i> ₂	0.0000	0.1008	0.1999	0.3998	0.4989	0.6006	0.7522	0.9007	1.0000	
<i>η</i> /(mPa s)	2.5984	2.2489	1.9460	1.4916	1.2989	1.1617	0.9874	0.9004	0.8849	
<i>T</i> /K = 293.15										95A6
<i>x</i> ₂	0.0994	0.1960	0.3067	0.4031	0.5091	0.6207	0.6921	0.8105	0.9035	
<i>η</i> ^E /(mPa s)	-0.1858	-0.3023	-0.4223	-0.4768	-0.5060	-0.4861	-0.4450	-0.3211	-0.185	
<i>T</i> /K = 303.15										95A6
<i>x</i> ₂	0.0994	0.1960	0.3067	0.4031	0.5091	0.6207	0.6921	0.8105	0.9035	
<i>η</i> ^E /(mPa s)	-0.1430	-0.2442	-0.3258	-0.3689	-0.3882	-0.3671	-0.3326	-0.2388	-0.139	
<i>T</i> /K = 313.15										95A6
<i>x</i> ₂	0.0994	0.1960	0.3067	0.4031	0.5091	0.6207	0.6921	0.8105	0.9035	
<i>η</i> ^E /(mPa s)	-0.1085	-0.1852	-0.2454	-0.2800	-0.2939	-0.2765	-0.2495	-0.1785	-0.107	
<i>T</i> /°C = 25.0										65B1
<i>x</i> ₁	0.0000	0.0216	0.0714	0.1208	0.1550	0.1796	0.3673	0.5320	0.7128	
<i>η</i> /(mPa s)	0.889	0.876	0.887	0.903	0.921	0.931	1.090	1.357	1.752	
<i>x</i> ₁	0.8385	1.0000								
<i>η</i> /(mPa s)	2.070	2.583								
<i>T</i> /°C = 35.0										65B1
<i>x</i> ₁	0.0000	0.0216	0.0714	0.1208	0.1550	0.1796	0.3673	0.5320	0.7128	
<i>η</i> /(mPa s)	0.763	0.745	0.754	0.765	0.779	0.787	0.898	1.089	1.387	
<i>x</i> ₁	0.8385	1.0000								
<i>η</i> /(mPa s)	1.627	2.015								
<i>T</i> /°C = 45.0										65B1
<i>x</i> ₁	0.0000	0.0216	0.0714	0.1208	0.1550	0.1796	0.3673	0.5320	0.7128	
<i>η</i> /(mPa s)	0.655	0.643	0.645	0.652	0.664	0.672	0.754	0.895	1.114	
<i>x</i> ₁	0.8385	1.0000								
<i>η</i> /(mPa s)	1.298	1.589								
<i>T</i> /°C = 55.0										65B1
<i>x</i> ₁	0.0000	0.0216	0.0714	0.1208	0.1796	0.3673	0.5320	0.7128		
<i>η</i> /(mPa s)	0.568	0.558	0.558	0.562	0.577	0.638	0.743	0.909		
<i>x</i> ₁	0.8385	1.0000								
<i>η</i> /(mPa s)	1.047	1.269								
1809	C₄H₁₀O (1)		butan-2-ol						78-92-2	
	C₆H₁₂ (2)		cyclohexane						110-82-7	
<i>T</i> /K = 298.15										96L2
<i>x</i> ₂	0.0000	0.0998	0.1976	0.3979	0.4992	0.5984	0.7516	0.8983	1.0000	

η /(mPa s)	3.1057	2.3427	1.8890	1.3193	1.1436	1.0108	0.9401	0.8863	0.8849
T /K = 293.15									95A6
x_2	0.0995	0.2033	0.2962	0.3994	0.5078	0.6001	0.6919	0.8011	0.8846
η^E /(mPa s)	-0.6350	-0.9648	-1.0983	-1.1258	-1.0588	-0.9421	-0.7762	-0.5339	-0.328
T /K = 303.15									95A6
x_2	0.0995	0.2033	0.2962	0.3994	0.5078	0.6001	0.6919	0.8011	0.8846
η^E /(mPa s)	-0.3869	-0.6003	-0.6871	-0.7100	-0.6658	-0.5971	-0.4942	-0.3450	-0.215
T /K = 313.15									95A6
x_2	0.0995	0.2033	0.2962	0.3994	0.5078	0.6001	0.6919	0.8011	0.8846
η^E /(mPa s)	-0.2403	-0.3788	-0.4392	-0.4546	-0.4320	-0.3869	-0.3226	-0.2280	-0.146
1810	C₄H₁₀O (1) C₆H₁₂ (2)	2-methyl-propan-1-ol cyclohexane						78-83-1 110-82-7	
T /K = 298.15									96L2
x_2	0.0000	0.0995	0.2019	0.3611	0.5012	0.6008	0.7521	0.9012	1.0000
η /(mPa s)	3.3816	2.8158	2.3703	1.7835	1.4094	1.2007	1.0096	0.9012	0.8849
T /K = 293.15									95A6
x_2	0.0991	0.1996	0.2996	0.4018	0.4638	0.6002	0.7002	0.8011	0.8964
η^E /(mPa s)	-0.3940	-0.6708	-0.8388	-0.9151	-0.9207	-0.8544	-0.7190	-0.5194	-0.292
T /K = 303.15									95A6
x_2	0.0991	0.1996	0.2996	0.4018	0.4638	0.6002	0.7002	0.8011	0.8964
η^E /(mPa s)	-0.2565	-0.4486	-0.5683	-0.6237	-0.6290	-0.5811	-0.4889	-0.3536	-0.200
T /K = 313.15									95A6
x_2	0.0991	0.1996	0.2996	0.4018	0.4638	0.6002	0.7002	0.8011	0.8964
η^E /(mPa s)	-0.1775	-0.3132	-0.4002	-0.4378	-0.4384	-0.4053	-0.3390	-0.2461	-0.142
1811	C₄H₁₀O (1) C₆H₁₂ (2)	2-methyl-propan-2-ol cyclohexane						75-65-0 110-82-7	
T /K = 298.15									96L2
x_2	0.0000	0.1001	0.1995	0.4009	0.5014	0.6012	0.7525	0.9010	1.0000
η /(mPa s)	4.4401	2.8802	2.1240	1.4515	1.1947	1.0773	0.9730	0.9039	0.8849
T /K = 303.15									95A6
x_2	0.1006	0.1986	0.3009	0.4040	0.5005	0.5959	0.6962	0.8001	0.9020
η^E /(mPa s)	-0.8090	-1.1195	-1.2054	-1.1533	-1.0362	-0.8788	-0.6871	-0.4723	-0.248
T /K = 313.15									95A6
x_2	0.1006	0.1986	0.3009	0.4040	0.5005	0.5959	0.6962	0.8001	0.9020
η^E /(mPa s)	-0.3910	-0.5552	-0.6095	-0.5951	-0.5422	-0.4672	-0.3736	-0.2629	-0.143

1812	C₄H₁₀O (1) C₆H₁₂O (2)	2-methyl-propan-1-ol isobutoxy-ethene							78-83-1 109-53-5
$T/^\circ\text{C} = 20.0$									43S1
w_1	0.000	0.050	0.079	0.100	0.320	0.425	1.000		
$\eta /(\text{mPa s})$	0.465	0.478	0.493	0.5105	0.5957	0.7393	4.3378		
1813	C₄H₁₀O (1) C₆H₁₂O (2)	butan-1-ol 4-methyl-pentan-2-one							71-36-3 108-10-1
$T/^\circ\text{C} = 30.0$									73D1
x_1	0.0000	0.1311	0.2531	0.3670	0.4745	0.5795	0.6729	0.7627	0.8465
$\eta /(\text{mPa s})$	0.497	0.542	0.592	0.653	0.748	0.862	0.997	1.185	1.420
x_1	0.9254	1.0000							
$\eta /(\text{mPa s})$	1.728	2.221							
$T/^\circ\text{C} = 40.0$									73D1
x_1	0.0000	0.1311	0.2533	0.3677	0.4745	0.5754	0.6704	0.7604	0.8044
$\eta /(\text{mPa s})$	0.443	0.482	0.526	0.578	0.647	0.733	0.844	0.980	1.177
x_1	0.9236	1.0000							
$\eta /(\text{mPa s})$	1.430	1.720							
$T/^\circ\text{C} = 50.0$									73D1
x_1	0.0000	0.1319	0.2542	0.3688	0.4759	0.5759	0.6721	0.7597	0.8452
$\eta /(\text{mPa s})$	0.401	0.428	0.464	0.507	0.565	0.621	0.707	0.801	0.937
x_1	0.9386	1.0000							
$\eta /(\text{mPa s})$	1.136	1.361							
$T/^\circ\text{C} = 60.0$									73D1
x_1	0.0000	0.1319	0.3672	0.5772	0.7614	0.8450	0.9247	1.0000	
$\eta /(\text{mPa s})$	0.365	0.386	0.458	0.543	0.676	0.785	0.914	1.085	
1814	C₄H₁₀O (1) C₆H₁₂O (2)	2-methyl-propan-1-ol 4-methyl-pentan-2-one							78-83-1 108-10-1
$T/^\circ\text{C} = 20.0$									84R2
x_1	0.0000	0.0992	0.1971	0.3024	0.3997	0.4937	0.5964	0.7000	0.7987
$\eta /(\text{mPa s})$	0.575	0.615	0.662	0.732	0.819	0.929	1.101	1.37	1.78
x_1	0.8988	1.0000							
$\eta /(\text{mPa s})$	2.52	4.02							
$T/^\circ\text{C} = 25.0$									84R2
x_1	0.0000	0.0992	0.1971	0.3024	0.3997	0.4937	0.5964	0.7000	0.7987
$\eta /(\text{mPa s})$	0.543	0.576	0.619	0.680	0.756	0.851	1.002	1.23	1.58

x_1	0.8988	1.0000								
η /(mPa s)	2.18	3.38								
$T/^\circ\text{C} = 30.0$										84R2
x_1	0.0000	0.0992	0.1971	0.3024	0.3997	0.4937	0.5964	0.7000	0.7987	
η /(mPa s)	0.518	0.546	0.585	0.637	0.703	0.786	0.922	1.126	1.41	
x_1	0.8988	1.0000								
η /(mPa s)	1.90	2.89								
$T/^\circ\text{C} = 35.0$										84R2
x_1	0.0000	0.0992	0.1971	0.3024	0.3997	0.4937	0.5964	0.7000	0.7987	
η /(mPa s)	0.494	0.512	0.550	0.591	0.656	0.730	0.841	1.013	1.26	
x_1	0.8988	1.0000								
η /(mPa s)	1.67	2.47								
1815	C₄H₁₀O (1) C₆H₁₂O₂ (2)		butan-1-ol acetic acid butyl ester							71-36-3 123-86-4
$T/\text{K} = 303.15$										96R2
x_2	0.1131	0.1421	0.2889	0.4292	0.4791	0.6374	0.6935	0.7502	0.8737	
η^E /(mPa s)	-0.566	-0.694	-1.167	-1.397	-1.424	-1.325	-1.219	-1.070	-0.633	
$T/\text{K} = 298.15$										88F1
x_1	0.0000	0.1678	0.3115	0.4456	0.5578	0.6606	0.7567	0.8330	0.9172	
η /(mPa s)	0.678	0.712	0.771	0.837	0.965	1.116	1.313	1.549	1.946	
x_1	1.0000									
η /(mPa s)	2.578									
$T/^\circ\text{C} = 25.0$										66D2
w_1	0.0000	0.1479	0.2665	0.3803	0.5179	0.5917	0.6567	1.0000		
η /(mPa s)	0.687	0.721	0.792	0.894	1.053	1.184	1.347	2.525		
$T/^\circ\text{C} = 35.0$										66D2
w_1	0.0000	0.1479	0.2665	0.3803	0.5179	0.5917	0.6567	1.0000		
η /(mPa s)	0.582	0.628	0.680	0.757	0.887	0.981	1.092	1.962		
$T/\text{K} = 298.15$										88F1
x_1	0.0000	0.1678	0.3115	0.4456	0.5578	0.6606	0.7567	0.8330	0.9172	
ν /(mm ² /s)	0.774	0.822	0.899	0.985	1.146	1.337	1.588	1.888	2.392	
x_1	1.0000									
ν /(mm ² /s)	3.200									
1816	C₄H₁₀O (1) C₆H₁₂O₂ (2)		2-methyl-propan-1-ol acetic acid butyl ester							78-83-1 123-86-4
$T/\text{K} = 303.15$										96R2

x_2	0.1490	0.2247	0.2538	0.3734	0.4906	0.6009	0.7222	0.8169	0.8721
$\eta^E/(\text{mPa s})$	-0.842	-1.166	-1.265	-1.568	-1.675	-1.608	-1.351	-1.005	-0.751
1817	C₄H₁₀O (1)		butan-1-ol						71-36-3
	C₆H₁₄ (2)		hexane						110-54-3
$T/\text{K} = 298.15$									97N2
x_1	0.0000	0.0744	0.1835	0.2346	0.2750	0.3169	0.3758	0.4329	0.4800
$\eta/(\text{mPa s})$	0.293	0.314	0.358	0.385	0.414	0.445	0.500	0.570	0.635
x_1	0.5209	0.5662	0.6288	0.6740	0.7376	0.7844	0.8369	0.9012	0.9636
$\eta/(\text{mPa s})$	0.706	0.789	0.931	1.044	1.245	1.416	1.639	1.957	2.340
x_1	1.0000								
$\eta/(\text{mPa s})$	2.598								
$T/\text{K} = 298.15$									96D1
x_1	0.0999	0.1997	0.2990	0.4007	0.4990	0.5988	0.6996	0.8000	0.8994
$\eta/(\text{mPa s})$	0.3222	0.3628	0.4227	0.5201	0.6420	0.8264	1.0822	1.4209	1.8876
$T/\text{K} = 313.15$									96D1
x_1	0.0999	0.1997	0.2990	0.4007	0.4990	0.5988	0.6996	0.8000	0.8994
$\eta/(\text{mPa s})$	0.2741	0.3060	0.3503	0.4169	0.5063	0.6311	0.8166	1.0414	1.3300
$T/\text{K} = 298.15$									95F1
x_2	0.0000	0.0971	0.1322	0.1707	0.2625	0.3521	0.4142	0.5620	
$\eta/(\text{mPa s})$	2.550	1.848	1.688	1.496	1.169	0.909	0.778	0.539	
x_2	0.6624	0.8147	0.8728	0.9267	1.0000				
$\eta/(\text{mPa s})$	0.440	0.348	0.323	0.306	0.2861				
$T/\text{K} = 298.15$									97N2
x_1	0.0000	0.0744	0.1835	0.2346	0.2750	0.3169	0.3758	0.4329	
$\nu/(\text{mm}^2/\text{s})$	0.447	0.474	0.531	0.566	0.604	0.644	0.715	0.806	
x_1	0.4800	0.5209	0.5662	0.6288	0.6740	0.7376	0.7844	0.8369	
$\nu/(\text{mm}^2/\text{s})$	0.889	0.981	1.085	1.263	1.402	1.648	1.854	2.119	
x_1	0.9012	0.9636	1.0000						
$\nu/(\text{mm}^2/\text{s})$	2.491	2.932	3.224						
1818	C₄H₁₀O (1)		2-methyl-propan-2-ol						75-65-0
	C₆H₁₄ (2)		hexane						110-54-3
$T/\text{K} = 303.2$									95R6
x_2	0.000	0.050	0.100	0.150	0.200	0.300	0.400	0.500	0.600
$\eta/(\text{mPa s})$	3.333	2.298	1.677	1.306	1.052	0.749	0.568	0.465	0.410
x_2	0.700	0.800	0.850	0.900	0.950	1.000			
$\eta/(\text{mPa s})$	0.361	0.319	0.302	0.289	0.281	0.277			

1819	C₄H₁₀O (1) C₆H₁₄O₃ (2)	butan-1-ol 1-methoxy-2-(2-methoxy-ethoxy)-ethane								71-36-3 111-96-6
<i>T/K</i> = 298.15										
<i>x</i> ₂	0.0000	0.1051	0.2018	0.3019	0.4029	0.5049	0.6017	0.7049	0.7983	
<i>η</i> /(mPa s)	2.506	1.866	1.542	1.304	1.178	1.103	1.048	1.019	0.998	
<i>x</i> ₂	0.9023	1.0000								
<i>η</i> /(mPa s)	0.989	0.983								
<i>T/K</i> = 308.15										
<i>x</i> ₂	0.0000	0.1051	0.2018	0.3019	0.4029	0.5049	0.6017	0.7049	0.7983	
<i>η</i> /(mPa s)	1.927	1.480	1.252	1.074	0.983	0.924	0.883	0.863	0.849	
<i>x</i> ₂	0.9023	1.0000								
<i>η</i> /(mPa s)	0.842	0.839								
<i>T/K</i> = 318.15										
<i>x</i> ₂	0.0000	0.1051	0.2018	0.3019	0.4029	0.5049	0.6017	0.7049	0.7983	
<i>η</i> /(mPa s)	1.493	1.186	1.028	0.906	0.827	0.782	0.762	0.740	0.730	
<i>x</i> ₂	0.9023	1.0000								
<i>η</i> /(mPa s)	0.723	0.721								
1820	C₄H₁₀O (1) C₆H₁₄O₃ (2)	2-methyl-propan-1-ol 1-methoxy-2-(2-methoxy-ethoxy)-ethane								78-83-1 111-96-6
<i>T/K</i> = 298.15										
<i>x</i> ₂	0.0000	0.1040	0.2048	0.3058	0.4023	0.5027	0.6050	0.7019	0.8023	
<i>η</i> /(mPa s)	3.291	2.146	1.635	1.377	1.231	1.136	1.076	1.038	1.011	
<i>x</i> ₂	0.9024	1.0000								
<i>η</i> /(mPa s)	0.995	0.983								
<i>T/K</i> = 308.15										
<i>x</i> ₂	0.0000	0.1040	0.2048	0.3058	0.4023	0.5027	0.6050	0.7019	0.8023	
<i>η</i> /(mPa s)	2.382	1.649	1.302	1.121	1.013	0.947	0.904	0.876	0.856	
<i>x</i> ₂	0.9024	1.0000								
<i>η</i> /(mPa s)	0.846	0.839								
<i>T/K</i> = 318.15										
<i>x</i> ₂	0.0000	0.1040	0.2048	0.3058	0.4023	0.5027	0.6050	0.7019	0.8023	
<i>η</i> /(mPa s)	1.751	1.284	1.047	0.938	0.845	0.796	0.780	0.747	0.733	
<i>x</i> ₂	0.9024	1.0000								
<i>η</i> /(mPa s)	0.726	0.721								
1821	C₄H₁₀O (1) C₆H₁₄O₃ (2)	2-methyl-propan-2-ol 1-methoxy-2-(2-methoxy-ethoxy)-ethane								75-65-0 111-96-6

<i>T</i> /K = 298.15										94A3
<i>x</i> ₂	0.0000	0.1032	0.2054	0.3014	0.4031	0.5025	0.6046	0.7072	0.8058	
<i>η</i> /(mPa s)	4.309	2.377	1.768	1.453	1.259	1.146	1.073	1.032	1.008	
<i>x</i> ₂	0.8973	1.0000								
<i>η</i> /(mPa s)	0.995	0.983								
<i>T</i> /K = 303.15										94A3
<i>x</i> ₂	0.0000	0.1032	0.2054	0.3014	0.4031	0.5025	0.6046	0.7072	0.8058	
<i>η</i> /(mPa s)	3.238	1.954	1.523	1.274	1.123	1.033	0.974	0.943	0.921	
<i>x</i> ₂	0.8973	1.0000								
<i>η</i> /(mPa s)	0.915	0.923								
<i>T</i> /K = 308.15										94A3
<i>x</i> ₂	0.0000	0.1032	0.2054	0.3014	0.4031	0.5025	0.6046	0.7072	0.8058	
<i>η</i> /(mPa s)	2.510	1.625	1.319	1.130	1.009	0.937	0.888	0.864	0.852	
<i>x</i> ₂	0.8973	1.0000								
<i>η</i> /(mPa s)	0.844	0.839								
1822	C₄H₁₀O (1) C₆H₁₅N (2)		butan-1-ol triethylamine							71-36-3 121-44-8
<i>T</i> /K = 303.15										87C2
<i>x</i> ₂	0.0000	0.1100	0.2588	0.3829	0.4495	0.5843	0.7082	0.7693	0.7949	
<i>η</i> /(mPa s)	2.2706	1.8802	1.3795	1.0333	0.8821	0.6536	0.5241	0.4806	0.4649	
<i>x</i> ₂	0.8629	0.9240	1.0000							
<i>η</i> /(mPa s)	0.4251	0.3871	0.3226							
1823	C₄H₁₀O (1) C₆H₁₅N (2)		butan-2-ol triethylamine							78-92-2 121-44-8
<i>T</i> /K = 303.15										87C2
<i>x</i> ₂	0.0000	0.1454	0.1914	0.2458	0.3481	0.4276	0.5432	0.6443	0.7272	
<i>η</i> /(mPa s)	3.1782	1.9175	1.6423	1.3783	1.0209	0.8370	0.6636	0.5625	0.4966	
<i>x</i> ₂	0.7816	0.9069	1.0000							
<i>η</i> /(mPa s)	0.4571	0.3733	0.3226							
1824	C₄H₁₀O (1) C₆H₁₅N (2)		2-methyl-propan-1-ol triethylamine							78-83-1 121-44-8
<i>T</i> /K = 303.15										87C2
<i>x</i> ₂	0.0000	0.0986	0.1120	0.2504	0.3468	0.4403	0.5536	0.6343	0.7211	
<i>η</i> /(mPa s)	2.8758	2.3784	2.3113	1.6701	1.2931	0.9970	0.7319	0.6038	0.5115	
<i>x</i> ₂	0.7763	0.8875	1.0000							

η /(mPa s) 0.4713 0.4085 0.3226

1825 **C₄H₁₀O (1)** **2-methyl-propan-2-ol** **75-65-0**
C₆H₁₅N (2) **triethylamine** **121-44-8**

$T/K = 303.15$ 87C2

x_2 0.0000 0.1060 0.1513 0.2742 0.3722 0.4528 0.5464 0.6284 0.7176

η /(mPa s) 3.3158 2.2662 1.9224 1.2382 0.8889 0.7112 0.5730 0.4964 0.4419

x_2 0.7914 0.8672 1.0000

η /(mPa s) 0.4076 0.3767 0.3226

1826 **C₄H₁₀O (1)** **butan-1-ol** **71-36-3**
C₆H₁₈N₃OP (2) **hexamethylphosphoric triamide** **680-31-9**

$T/K = 303.15$ 92P4

x_2 0.0000 0.0872 0.1988 0.2977 0.3888 0.4941 0.5894 0.6891 0.7954

η /(mPa s) 2.271 2.283 2.312 2.351 2.404 2.487 2.567 2.655 2.745

x_2 0.8991 1.0000

η /(mPa s) 2.834 2.928

1827 **C₄H₁₀O (1)** **2-methyl-propan-2-ol** **75-65-0**
C₆H₁₈N₃OP (2) **hexamethylphosphoric triamide** **680-31-9**

$T/K = 303.15$ 92P4

x_2 0.0000 0.0784 0.1030 0.1988 0.2201 0.3076 0.4051 0.4476 0.5093

η /(mPa s) 3.378 3.704 3.722 3.624 3.547 3.400 3.263 3.230 3.185

x_2 0.6062 0.7077 0.8008 0.9029 1.0000

η /(mPa s) 3.118 3.068 3.020 2.973 2.928

1828 **C₄H₁₀O (1)** **ethoxy-ethane** **60-29-7**
C₇H₆O₂ (2) **2-hydroxy-benzaldehyde** **90-02-8**

$T/^\circ\text{C} = 17.0$ 25W1

x_1 0.20 0.33 0.50 0.60 0.66 0.75 0.80

η/η_{water} 1.7 1.1 0.8 0.7 0.6 0.5 0.4

1829 **C₄H₁₀O (1)** **butan-1-ol** **71-36-3**
C₇H₈ (2) **toluene** **108-88-3**

$T/^\circ\text{C} = 30.0$ 91R3

x_2 0.0000 0.0671 0.1522 0.2231 0.3028 0.4298 0.5335 0.6369 0.7212

η /(mPa s) 2.1854 1.9028 1.5728 1.3449 1.1343 0.9019 0.7654 0.6722 0.6165

x_2 0.8014 0.9268 1.0000

η /(mPa s) 0.5779 0.5327 0.5284

1830 **C₄H₁₀O (1)** **ethoxy-ethane** **60-29-7**
C₇H₈ (2) **toluene** **108-88-3**

T /°C = 15.0 06G1

φ_1 0.00 0.25 0.50 0.75 1.00
 η /(mPa s) 0.627 0.484 0.394 0.313 0.247

T /°C = 20.0 06G1

φ_1 0.00 0.25 0.50 0.75 1.00
 η /(mPa s) 0.589 0.468 0.379 0.300 0.236

T /°C = 25.0 06G1

φ_1 0.00 0.25 0.50 0.75 1.00
 η /(mPa s) 0.553 0.445 0.360 0.290 0.223

T /°C = 30.0 06G1

φ_1 0.00 0.25 0.50 0.75 1.00
 η /(mPa s) 0.520 0.419 0.345 0.281 0.212

T /°C = 35.0 06G1

φ_1 0.00 0.25 0.50 0.75
 η /(mPa s) 0.493 0.404 0.331 0.272

1831 **C₄H₁₀O (1)** **butan-1-ol** **71-36-3**
C₇H₈O (2) **methoxybenzene** **100-66-3**

T /K = 303.15 99W1

x_2 0.0000 0.1002 0.2000 0.3001 0.3998 0.5000 0.6002 0.7000 0.8003
 η /(mPa s) 2.261 1.874 1.523 1.359 1.197 1.079 1.001 0.952 0.929

x_2 0.9000 1.0000
 η /(mPa s) 0.914 0.908

T /K = 313.15 99W1

x_2 0.0000 0.1002 0.2000 0.3001 0.3998 0.5000 0.6002 0.7000 0.8003
 η /(mPa s) 1.765 1.480 1.254 1.075 0.975 0.889 0.851 0.805 0.788

x_2 0.9000 1.0000
 η /(mPa s) 0.772 0.786

T /K = 323.15 99W1

x_2 0.0000 0.1002 0.2000 0.3001 0.3998 0.5000 0.6002 0.7000 0.8003
 η /(mPa s) 1.393 1.165 0.989 0.899 0.806 0.750 0.734 0.721 0.709

x_2 0.9000 1.0000
 η /(mPa s) 0.698 0.691

1832	C₄H₁₀O (1) C₇H₈O (2)		butan-2-ol methoxybenzene						78-92-2 100-66-3
<i>T</i> /K = 303.15									99W2
<i>x</i> ₂	0.0000	0.0999	0.2001	0.3001	0.3998	0.5000	0.6001	0.7000	0.8002
<i>η</i> /(mPa s)	2.496	1.759	1.366	1.172	1.068	1.001	0.969	0.951	0.934
<i>x</i> ₂	0.9000	1.0000							
<i>η</i> /(mPa s)	0.918	0.908							
<i>T</i> /K = 313.15									99W2
<i>x</i> ₂	0.0000	0.0999	0.2001	0.3001	0.3998	0.5000	0.6001	0.7000	0.8002
<i>η</i> /(mPa s)	1.785	1.335	1.068	0.932	0.862	0.843	0.831	0.816	0.803
<i>x</i> ₂	0.9000	1.0000							
<i>η</i> /(mPa s)	0.792	0.786							
<i>T</i> /K = 323.15									99W2
<i>x</i> ₂	0.0000	0.0999	0.2001	0.3001	0.3998	0.5000	0.6001	0.7000	0.8002
<i>η</i> /(mPa s)	1.315	1.023	0.852	0.769	0.745	0.739	0.731	0.723	0.709
<i>x</i> ₂	0.9000	1.0000							
<i>η</i> /(mPa s)	0.698	0.691							
1833	C₄H₁₀O (1) C₇H₈O (2)		ethoxy-ethane methoxybenzene						60-29-7 100-66-3
<i>T</i> /°C = 15.0									24W4
<i>x</i> ₂	0.2463	0.2857	0.3278	0.3952	0.4878	0.5714	0.6666		
<i>η</i> / <i>η</i> _{water}	0.409	0.415	0.426	0.456	0.512	0.516	0.635		
1834	C₄H₁₀O (1) C₇H₈O (2)		ethoxy-ethane 2-methyl-phenol						60-29-7 95-48-7
<i>T</i> /°C = 20.0									24W1
<i>x</i> ₂	0.0000	0.1490	0.1988	0.2618	0.3322	0.5000	0.6289	0.7042	0.7519
<i>η</i> / <i>η</i> _{water}	0.24	0.34	0.42	0.54	0.63	1.26	2.09	3.30	4.23
1835	C₄H₁₀O (1) C₇H₈O (2)		ethoxy-ethane 3-methyl-phenol						60-29-7 108-39-4
<i>T</i> /°C = 20.0									24W1
<i>x</i> ₂	0.0000	0.0815	0.1634	0.2451	0.3279	0.4098	0.4926	0.6756	0.8000
<i>η</i> / <i>η</i> _{water}	0.24	0.30	0.36	0.54	0.77	1.05	1.35	3.31	4.70
1836	C₄H₁₀O (1) C₇H₈O (2)		ethoxy-ethane 4-methyl-phenol						60-29-7 106-44-5

$T/^\circ\text{C} = 20.0$										24W1
x_2	0.0000	0.1567	0.1908	0.2487	0.3195	0.4000	0.4950	0.7463	0.8475	
η/η_{water}	0.24	0.35	0.42	0.50	0.62	0.77	1.29	4.75	10.85	
1837	C₄H₁₀O (1) C₇H₈O (2)	2-methyl-propan-1-ol methoxybenzene							78-83-1 100-66-3	
$T/\text{K} = 303.15$										99W2
x_2	0.0000	0.1001	0.2001	0.2999	0.4001	0.5000	0.6001	0.7000	0.8001	
$\eta/(\text{mPa s})$	2.845	1.789	1.326	1.157	1.069	1.011	0.969	0.951	0.934	
x_2	0.9002	1.0000								
$\eta/(\text{mPa s})$	0.921	0.908								
$T/\text{K} = 313.15$										99W2
x_2	0.0000	0.1001	0.2001	0.2999	0.4001	0.5000	0.6001	0.7000	0.8001	
$\eta/(\text{mPa s})$	2.116	1.355	1.064	0.933	0.862	0.845	0.831	0.816	0.803	
x_2	0.9002	1.0000								
$\eta/(\text{mPa s})$	0.792	0.786								
$T/\text{K} = 323.15$										99W2
x_2	0.0000	0.1001	0.2001	0.2999	0.4001	0.5000	0.6001	0.7000	0.8001	
$\eta/(\text{mPa s})$	1.602	1.063	0.829	0.768	0.743	0.736	0.731	0.718	0.708	
x_2	0.9002	1.0000								
$\eta/(\text{mPa s})$	0.697	0.691								
1838	C₄H₁₀O (1) C₇H₈O (2)	2-methyl-propan-2-ol methoxybenzene							75-65-0 100-66-3	
$T/\text{K} = 303.15$										99W2
x_2	0.0000	0.1000	0.1999	0.3002	0.4001	0.5000	0.6001	0.6998	0.8001	
$\eta/(\text{mPa s})$	3.381	2.101	1.578	1.484	1.272	1.143	1.011	0.954	0.928	
x_2	0.9001	1.0000								
$\eta/(\text{mPa s})$	0.919	0.908								
$T/\text{K} = 313.15$										99W2
x_2	0.0000	0.1000	0.1999	0.3002	0.4001	0.5000	0.6001	0.6998	0.8001	
$\eta/(\text{mPa s})$	2.106	1.585	1.290	1.099	1.002	0.915	0.853	0.825	0.808	
x_2	0.9001	1.0000								
$\eta/(\text{mPa s})$	0.798	0.786								
$T/\text{K} = 323.15$										99W2
x_2	0.0000	0.1000	0.1999	0.3002	0.4001	0.5000	0.6001	0.6998	0.8001	
$\eta/(\text{mPa s})$	1.409	1.222	1.022	0.887	0.815	0.773	0.743	0.722	0.711	
x_2	0.9001	1.0000								
$\eta/(\text{mPa s})$	0.701	0.691								

1839	C₄H₁₀O (1) C₇H₈O₂ (2)		ethoxy-ethane 2-methoxy-phenol						60-29-7 90-05-1
$T/^\circ\text{C} = 17.0$									25W1
x_1	0.20	0.33	0.50	0.66					
η/η_{water}	3.4	2.2	1.3	0.7					
1840	C₄H₁₀O (1) C₇H₁₂O₂ (2)		butan-1-ol acrylic acid butyl ester						71-36-3 141-32-2
$T/\text{K} = 293.15$									98L1
x_2	0.0000	0.0999	0.2001	0.2999	0.3998	0.5002	0.6002	0.7002	0.8000
$\eta/(\text{mPa s})$	2.9679	2.1731	1.7250	1.4476	1.2447	1.1168	1.0254	0.9619	0.9168
x_2	0.9000	1.0000							
$\eta/(\text{mPa s})$	0.8882	0.8763							
$T/\text{K} = 303.15$									98L1
x_2	0.0000	0.0999	0.1998	0.3006	0.3999	0.4992	0.5983	0.6991	0.8002
$\eta/(\text{mPa s})$	2.2896	1.7177	1.3851	1.1849	1.0354	0.9378	0.8682	0.8213	0.7840
x_2	0.9003	1.0000							
$\eta/(\text{mPa s})$	0.7678	0.7568							
$T/\text{K} = 313.15$									98L1
x_2	0.0000	0.1004	0.2001	0.3002	0.3999	0.4994	0.5998	0.6999	0.7578
$\eta/(\text{mPa s})$	1.7955	1.2907	1.0177	0.8796	0.7948	0.7351	0.7091	0.6745	0.6676
x_2	0.8999	1.0000							
$\eta/(\text{mPa s})$	0.6659	0.6609							
1841	C₄H₁₀O (1) C₇H₁₄ (2)		butan-1-ol methylcyclohexane						71-36-3 108-87-2
$T/^\circ\text{C} = 30.0$									77R1
x_2	0.0000	0.1000	0.2604	0.4200	0.5788	0.7414	0.9013	1.0000	
$\eta/(\text{mPa s})$	2.240	1.825	1.383	1.072	0.854	0.719	0.643	0.637	
1842	C₄H₁₀O (1) C₇H₁₄O₂ (2)		butan-1-ol acetic acid pentyl ester						71-36-3 628-63-7
$T/\text{K} = 298.15$									97E2
x_2	0.00000	0.03532	0.08976	0.12784	0.17553	0.22341	0.30054	0.38103	
$\eta/(\text{mPa s})$	2.512	2.449	2.355	2.289	2.207	2.124	1.992	1.853	
x_2	0.43122	0.49204	0.56671	0.63342	0.72105	0.81746	0.92014	1.00000	
$\eta/(\text{mPa s})$	1.767	1.665	1.537	1.426	1.283	1.139	0.978	0.865	

1843 **C₄H₁₀O (1)** **butan-2-ol** **78-92-2**
 C₇H₁₅N (2) **N-methyl-cyclohexylamine** **100-60-7**

$T/K = 303.15$

91C1

x_2 0.0000 0.1162 0.2043 0.2814 0.3889 0.4865 0.6180 0.6421 0.7941

$\eta/(mPa\ s)$ 3.178 3.001 2.864 2.728 2.529 2.339 2.071 2.021 1.693

x_2 1.0000

$\eta/(mPa\ s)$ 1.217

1844 **C₄H₁₀O (1)** **2-methyl-propan-1-ol** **78-83-1**
 C₇H₁₅N (2) **N-methyl-cyclohexylamine** **100-60-7**

$T/K = 303.15$

91C1

x_2 0.0000 0.1679 0.2025 0.2307 0.3890 0.4740 0.5565 0.6945 0.8276

$\eta/(mPa\ s)$ 2.876 2.695 2.659 2.629 2.432 2.303 2.158 1.883 1.585

x_2 1.0000

$\eta/(mPa\ s)$ 1.217

1845 **C₄H₁₀O (1)** **2-methyl-propan-2-ol** **75-65-0**
 C₇H₁₅N (2) **N-methyl-cyclohexylamine** **100-60-7**

$T/K = 303.15$

91C1

x_2 0.0000 0.1060 0.2310 0.3446 0.3917 0.5111 0.5548 0.6240 0.8231

$\eta/(mPa\ s)$ 3.316 3.209 3.079 2.931 2.857 2.633 2.536 2.349 1.789

x_2 1.0000

$\eta/(mPa\ s)$ 1.217

1846 **C₄H₁₀O (1)** **butan-1-ol** **71-36-3**
 C₇H₁₆ (2) **heptane** **142-82-5**

$T/K = 298.15$

97N2

x_1 0.0000 0.0852 0.1620 0.2260 0.2844 0.3309 0.3751 0.4338

$\eta/(mPa\ s)$ 0.390 0.426 0.465 0.504 0.544 0.586 0.624 0.693

x_1 0.4868 0.5482 0.5924 0.6412 0.6828 0.7617 0.8070 0.8493

$\eta/(mPa\ s)$ 0.763 0.858 0.935 1.039 1.144 1.374 1.538 1.717

x_1 0.9682 1.0000

$\eta/(mPa\ s)$ 2.373 2.598

$T/K = 298.15$

96S4

x_1 0.0000 0.0770 0.1523 0.2853 0.4094 0.5024 0.6136 0.7055

$\eta/(mPa\ s)$ 0.3901 0.4210 0.4560 0.5468 0.6670 0.7870 0.9824 1.2041

x_1 0.7866 0.8595 0.8998 0.9352 0.9675 1.0000

η /(mPa s)	1.4525	1.7515	1.9420	2.1440	2.3424	2.5700			
$T/K = 308.15$									
x_1	0.0000	0.0770	0.1523	0.2853	0.4094	0.5024	0.6136	0.7055	
η /(mPa s)	0.3520	0.3698	0.3920	0.4571	0.5432	0.6232	0.7769	0.9444	96S4
x_1	0.7866	0.8595	0.8998	0.9352	0.9675	1.0000			
η /(mPa s)	1.1356	1.3630	1.5150	1.6660	1.8210	2.0000			
$T/K = 298.15$									
x_2	0.000	0.055	0.114	0.245	0.318	0.397	0.483	0.576	0.677
η /(mPa s)	2.589	2.217	1.878	1.518	1.325	1.064	0.967	0.820	0.675
x_2	0.789	0.912	1.000						
η /(mPa s)	0.581	0.482	0.398						
$T/K = 298.15$									
x_2	0.000	0.055	0.114	0.245	0.318	0.397	0.483	0.576	0.677
η /(mPa s)	2.589	2.217	1.878	1.518	1.325	1.064	0.967	0.820	0.675
x_2	0.789	0.912	1.000						
η /(mPa s)	0.581	0.482	0.398						
$T/K = 298.15$									
x_1	0.0000	0.0852	0.1620	0.2260	0.2844	0.3309	0.3751	0.4338	
ν /(mm ² /s)	0.574	0.621	0.672	0.722	0.773	0.828	0.875	0.964	
x_1	0.4868	0.5482	0.5924	0.6412	0.6828	0.7617	0.8070	0.8493	
ν /(mm ² /s)	1.052	1.171	1.266	1.394	1.523	1.800	1.996	2.208	
x_1	0.9682	1.0000							
ν /(mm ² /s)	2.968	3.224							

1847	C₄H₁₀O (1) C₇H₁₆ (2)	2-methyl-propan-1-ol heptane							78-83-1 142-82-5
$T/K = 298.15$									
x_2	0.000	0.054	0.115	0.247	0.324	0.400	0.485	0.578	0.679
η /(mPa s)	2.804	2.136	1.789	1.146	1.012	0.844	0.724	0.621	0.559
x_2	0.794	0.911	1.000						
η /(mPa s)	0.502	0.463	0.398						
$T/K = 298.15$									
x_2	0.000	0.054	0.115	0.247	0.324	0.400	0.485	0.578	0.679
η /(mPa s)	2.804	2.136	1.789	1.146	1.012	0.844	0.724	0.621	0.559
x_2	0.794	0.911	1.000						
η /(mPa s)	0.502	0.463	0.398						

1848	C₄H₁₀O (1)	butan-1-ol							71-36-3
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		C₈H₈ (2)	vinylbenzene						100-42-5	
<i>T</i> /K = 298.15										99A3
<i>x</i> ₂	0.0000	0.0999	0.2019	0.2994	0.3982	0.5226	0.6020	0.7030	0.7942	
<i>η</i> /(mPa s)	2.540	1.971	1.644	1.368	1.165	0.969	0.913	0.821	0.772	
<i>x</i> ₂	0.8935	1.0000								
<i>η</i> /(mPa s)	0.729	0.709								
<i>T</i> /K = 303.15										99A3
<i>x</i> ₂	0.0000	0.0999	0.2019	0.2994	0.3982	0.5226	0.6020	0.7030	0.7942	
<i>η</i> /(mPa s)	2.324	1.809	1.470	1.230	1.052	0.885	0.830	0.767	0.721	
<i>x</i> ₂	0.8935	1.0000								
<i>η</i> /(mPa s)	0.681	0.662								
<i>T</i> /K = 308.15										99A3
<i>x</i> ₂	0.0000	0.0999	0.2019	0.2994	0.3982	0.5226	0.6020	0.7030	0.7942	
<i>η</i> /(mPa s)	1.968	1.636	1.327	1.104	0.950	0.811	0.762	0.693	0.660	
<i>x</i> ₂	0.8935	1.0000								
<i>η</i> /(mPa s)	0.630	0.623								
1849		C₄H₁₀O (1)	butan-1-ol						71-36-3	
		C₈H₁₀ (2)	1,3-dimethyl-benzene						108-38-3	
<i>T</i> /°C = 20.0										93R1
<i>x</i> ₁	0.0000	0.0806	0.1645	0.3058	0.4468	0.5737	0.6891	0.8001	0.9048	
<i>η</i> /(mPa s)	0.6170	0.6310	0.6716	0.7914	0.9806	1.2350	1.5703	2.0273	2.5023	
<i>x</i> ₁	0.9544	1.0000								
<i>η</i> /(mPa s)	2.7421	3.0000								
<i>T</i> /°C = 30.0										93R1
<i>x</i> ₁	0.0000	0.0806	0.1645	0.3058	0.4468	0.5737	0.6891	0.8001	0.9048	
<i>η</i> /(mPa s)	0.5540	0.5568	0.5958	0.7108	0.8658	1.0503	1.2884	1.6282	2.0035	
<i>x</i> ₁	0.9544	1.0000								
<i>η</i> /(mPa s)	2.1413	2.2710								
<i>T</i> /°C = 40.0										93R1
<i>x</i> ₁	0.0000	0.0806	0.1645	0.3058	0.4468	0.5737	0.6891	0.8001	0.9048	
<i>η</i> /(mPa s)	0.5130	0.5055	0.5439	0.6557	0.7782	0.8944	1.0369	1.2608	1.5622	
<i>x</i> ₁	0.9544	1.0000								
<i>η</i> /(mPa s)	1.6404	1.7816								
<i>T</i> /°C = 50.0										93R1
<i>x</i> ₁	0.0000	0.0806	0.1645	0.3058	0.4468	0.5737	0.6891	0.8001	0.9048	
<i>η</i> /(mPa s)	0.4883	0.4783	0.4894	0.5414	0.6254	0.7340	0.8772	0.9788	1.1609	
<i>x</i> ₁	0.9544	1.0000								
<i>η</i> /(mPa s)	1.2529	1.3450								

1850	C₄H₁₀O (1) C₈H₁₀ (2)		butan-1-ol 1,4-dimethyl-benzene						71-36-3 106-42-3
<i>T/K</i> = 298.15									88F1
<i>x</i> ₁	0.0000	0.1504	0.2649	0.3971	0.5009	0.5850	0.6932	0.7688	1.0000
<i>η</i> /(mPa s)	0.604	0.636	0.692	0.797	0.914	1.047	1.275	1.493	2.578
<i>T/K</i> = 298.15									88F1
<i>x</i> ₁	0.0000	0.1504	0.2649	0.3971	0.5009	0.5850	0.6932	0.7688	1.0000
<i>v</i> /(mm ² /s)	0.703	0.748	0.819	0.949	1.095	1.261	1.546	1.820	3.200
1851	C₄H₁₀O (1) C₈H₁₀ (2)		butan-1-ol ethylbenzene						71-36-3 100-41-4
<i>T/K</i> = 298.15									88F1
<i>x</i> ₁	0.0000	0.1608	0.2901	0.4235	0.5335	0.6392	0.7407	0.8339	0.9191
<i>η</i> /(mPa s)	0.627	0.666	0.735	0.849	0.999	1.183	1.435	1.756	2.126
<i>x</i> ₁	1.0000								
<i>η</i> /(mPa s)	2.578								
<i>T/K</i> = 298.15									88F1
<i>x</i> ₁	0.0000	0.1608	0.2901	0.4235	0.5335	0.6392	0.7407	0.8339	0.9191
<i>v</i> /(mm ² /s)	0.727	0.780	0.867	1.009	1.195	1.426	1.742	2.148	2.619
<i>x</i> ₁	1.0000								
<i>v</i> /(mm ² /s)	3.200								
1852	C₄H₁₀O (1) C₈H₁₀ (2)		2-methyl-propan-1-ol ethylbenzene						78-83-1 100-41-4
<i>T/K</i> = 298.15									89R6
<i>x</i> ₁	0.0000	0.0952	0.1975	0.3215	0.4504	0.5793	0.6959	0.8053	0.8875
<i>η</i> /(mPa s)	0.628	0.645	0.685	0.747	0.870	1.090	1.371	1.782	2.257
<i>x</i> ₁	0.9271	1.0000							
<i>η</i> /(mPa s)	2.611	3.375							
<i>T/K</i> = 308.15									89R6
<i>x</i> ₁	0.0000	0.0952	0.1975	0.3215	0.4504	0.5793	0.6959	0.8053	0.8875
<i>η</i> /(mPa s)	0.553	0.570	0.592	0.639	0.724	0.885	1.084	1.381	1.715
<i>x</i> ₁	0.9271	1.0000							
<i>η</i> /(mPa s)	1.937	2.524							
1853	C₄H₁₀O (1) C₈H₁₀ (2)		2-methyl-propan-2-ol ethylbenzene						75-65-0 100-41-4

$T/K = 308.15$									87R3
x_1	0.0000	0.0904	0.1819	0.3175	0.4695	0.6070	0.6460	0.7621	0.8720
$\eta /(\text{mPa s})$	0.553	0.545	0.582	0.635	0.704	0.817	0.880	1.063	1.439
x_1	0.9311	1.0000							
$\eta /(\text{mPa s})$	1.805	2.569							
1854	C₄H₁₀O (1) C₈H₁₀O (2)		ethoxy-ethane ethoxy-benzene						60-29-7 103-73-1
$T/^\circ\text{C} = 25.0$									20K1
x_1	0.0000	0.0745	0.0975	0.1855	0.2523	0.3026	0.3516	0.4501	0.5106
$\eta /(\text{mPa s})$	1.158	1.027	0.9993	0.8671	0.7856	0.7152	0.6667	0.5713	0.5154
x_1	0.5597	0.6048	0.6882	0.7485	0.8303	0.9004	1.0000		
$\eta /(\text{mPa s})$	0.4809	0.4406	0.3866	0.3494	0.3057	0.2674	0.2233		
1855	C₄H₁₀O (1) C₈H₁₀O₂ (2)		ethoxy-ethane 1,2-dimethoxy-benzene						60-29-7 91-16-7
$T/^\circ\text{C} = 17.0$									25W1
x_1	0.20	0.33	0.50	0.66	0.80				
$\eta / \eta_{\text{water}}$	1.9	1.2	0.9	0.6	0.5				
1856	C₄H₁₀O (1) C₈H₁₆O₂ (2)		butan-1-ol acetic acid hexyl ester						71-36-3 142-92-7
$T/K = 298.15$									97E2
x_2	0.00000	0.04641	0.09766	0.15320	0.19924	0.25433	0.31012	0.40234	
$\eta /(\text{mPa s})$	2.512	2.441	2.363	2.282	2.214	2.133	2.052	1.918	
x_2	0.48716	0.56362	0.64115	0.73762	0.82241	0.89742	0.95536	1.00000	
$\eta /(\text{mPa s})$	1.795	1.686	1.576	1.445	1.331	1.233	1.157	1.107	
1857	C₄H₁₀O (1) C₈H₁₈ (2)		butan-1-ol octane						71-36-3 111-65-9
$T/K = 298.15$									97N2
x_1	0.0000	0.0820	0.1692	0.2380	0.2906	0.3508	0.3857	0.4229	
$\eta /(\text{mPa s})$	0.513	0.519	0.536	0.568	0.603	0.658	0.694	0.736	
x_1	0.4621	0.5020	0.5489	0.5905	0.6257	0.7000	0.7432	0.7829	
$\eta /(\text{mPa s})$	0.790	0.852	0.938	1.025	1.115	1.319	1.458	1.600	
x_1	0.8639	0.9655	1.0000						
$\eta /(\text{mPa s})$	1.928	2.417	2.598						

$T/K = 298.15$									95F2
x_2	0.0000	0.0832	0.1173	0.1519	0.2113	0.3040	0.3599	0.4942	0.6053
$\eta /(\text{mPa s})$	2.550	2.013	1.840	1.681	1.443	1.152	1.017	0.788	0.676
x_2	0.7044	0.8459	0.9189	1.0000					
$\eta /(\text{mPa s})$	0.615	0.555	0.525	0.506					
$T/K = 298.15$									97N2
x_1	0.0000	0.0820	0.1692	0.2380	0.2906	0.3508	0.3857	0.4229	
$\nu /(\text{mm}^2/\text{s})$	0.734	0.738	0.755	0.796	0.841	0.911	0.957	1.010	
x_1	0.4621	0.5020	0.5489	0.5905	0.6257	0.7000	0.7432	0.7829	
$\nu /(\text{mm}^2/\text{s})$	1.079	1.158	1.266	1.375	1.488	1.739	1.908	2.079	
x_1	0.8639	0.9655	1.0000						
$\nu /(\text{mm}^2/\text{s})$	2.466	3.024	3.224						
1858	C₄H₁₀O (1) C₈H₁₈O (2)		butan-1-ol 2-ethyl-hexan-1-ol						71-36-3 104-76-7
$T/^\circ\text{C} = 25.0$									88W4
φ_2	0.00	0.25	0.50	0.75	1.00				
$\eta /(\text{mPa s})$	2.271	3.837	5.103	6.517	8.732				
1859	C₄H₁₀O (1) C₉H₁₂ (2)		butan-1-ol isopropylbenzene						71-36-3 98-82-8
$T/^\circ\text{C} = 30.0$									87A1
x_2	0.0000	0.1013	0.2005	0.3012	0.4024	0.5028	0.6009	0.6992	0.8011
$\eta /(\text{mPa s})$	2.274	1.679	1.384	1.166	0.994	0.869	0.794	0.739	0.700
x_2	0.9018	1.0000							
$\eta /(\text{mPa s})$	0.678	0.671							
$T/^\circ\text{C} = 25.0$									87R5
x_2	0.0000	0.0989	0.1844	0.2877	0.3941	0.5189	0.6544	0.7960	1.0000
$\eta /(\text{mPa s})$	2.5640	2.0688	1.7227	1.4172	1.1879	1.0011	0.8693	0.7776	0.7314
$T/^\circ\text{C} = 35.0$									87R5
x_2	0.0000	0.0989	0.1844	0.2877	0.3941	0.5189	0.6544	0.7960	1.0000
$\eta /(\text{mPa s})$	1.9999	1.6567	1.3976	1.1350	0.9456	0.8025	0.7291	0.7157	0.6366
1860	C₄H₁₀O (1) C₉H₁₂ (2)		2-methyl-propan-1-ol isopropylbenzene						78-83-1 98-82-8
$T/K = 298.15$									89R6
x_1	0.0000	0.0751	0.1605	0.2358	0.3842	0.5215	0.6485	0.7217	0.8170
$\eta /(\text{mPa s})$	0.731	0.751	0.765	0.790	0.911	1.088	1.308	1.494	1.891

x_1	0.8768	0.9353	1.0000						
$\eta /(\text{mPa s})$	2.205	2.703	3.375						
$T/\text{K} = 308.15$									
x_1	0.0000	0.0751	0.1605	0.2358	0.3842	0.5215	0.6485	0.7217	0.8170
$\eta /(\text{mPa s})$	0.636	0.638	0.647	0.684	0.756	0.869	1.000	1.127	1.425
x_1	0.8768	0.9353	1.0000						
$\eta /(\text{mPa s})$	1.634	1.987	2.524						
1861	C₄H₁₀O (1) C₉H₁₂ (2)	2-methyl-propan-2-ol isopropylbenzene							75-65-0 98-82-8
$T/\text{K} = 308.15$									
x_1	0.0000	0.0703	0.1489	0.3170	0.4374	0.5574	0.6713	0.7747	0.8874
$\eta /(\text{mPa s})$	0.636	0.617	0.652	0.683	0.754	0.822	0.953	1.172	1.572
x_1	0.9552	1.0000							
$\eta /(\text{mPa s})$	2.107	2.569							
1862	C₄H₁₀O (1) C₉H₁₄O₆ (2)	butan-1-ol 1,2,3-triacetoxy-propane							71-36-3 102-76-1
$T/\text{K} = 278.15$									
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	4.38	4.38	5.35	6.55	8.25	10.48	13.68	18.70	26.51
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	40.02	65.37							
$T/\text{K} = 283.15$									
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	3.79	3.70	4.49	5.45	6.59	8.18	10.55	14.03	19.39
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	28.02	43.17							
$T/\text{K} = 288.15$									
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	3.28	3.18	3.71	4.41	5.32	6.56	8.33	10.82	14.62
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	20.34	29.65							
$T/\text{K} = 293.15$									
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	2.86	2.76	3.14	3.69	4.40	5.37	6.73	8.63	11.34
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	15.38	21.67							
$T/\text{K} = 298.15$									

x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	2.52	2.40	2.70	3.12	3.71	4.50	5.57	6.99	9.02
x_2	0.9	1.0							
η /(mPa s)	11.93	16.31							
T /K = 303.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	2.23	2.11	2.34	2.69	3.17	3.82	4.65	5.79	7.34
x_2	0.9	1.0							
η /(mPa s)	9.49	12.62							
T /K = 308.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	1.97	1.87	2.06	2.36	2.75	3.27	3.96	4.86	6.07
x_2	0.9	1.0							
η /(mPa s)	7.72	10.03							
T /K = 313.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	1.76	1.67	1.83	2.07	2.40	2.84	3.41	4.15	5.10
x_2	0.9	1.0							
η /(mPa s)	6.39	8.12							
1863	C₄H₁₀O (1)	C₉H₂₀O (2)	butan-1-ol	nonan-1-ol					71-36-3
									143-08-8
T /K = 293.15									99S2
x_1	0.0000	0.1608	0.3832	0.5372	0.6674	0.7995	0.8991	1.0000	
η /(mPa s)	11.728	9.868	7.621	6.237	5.169	4.296	3.529	2.962	
T /K = 298.15									99S2
x_1	0.0000	0.2186	0.4166	0.5129	0.6368	0.8253	0.9103	1.0000	
η /(mPa s)	9.715	7.719	6.168	5.480	4.634	3.486	3.019	2.597	
T /K = 308.15									98S1
x_1	0.0000	0.2186	0.4166	0.5129	0.6368	0.8253	0.9103	1.0000	
η /(mPa s)	6.741	5.494	4.481	4.018	3.446	2.659	2.323	2.017	
T /K = 313.15									98S1
x_1	0.0000	0.2186	0.4166	0.5129	0.6368	0.8253	0.9103	1.0000	
η /(mPa s)	5.707	4.684	3.857	3.459	2.996	2.341	2.055	1.793	
T /K = 293.15									99S2
x_1	0.0000	0.1608	0.3832	0.5372	0.6674	0.7995	0.8991	1.0000	
ν /(mm ² /s)	14.166	11.945	9.259	7.601	6.318	5.269	4.343	3.659	
T /K = 298.15									99S2

x_1	0.0000	0.2186	0.4166	0.5129	0.6368	0.8253	0.9103	1.0000	
$\nu /(\text{mm}^2/\text{s})$	11.785	9.391	7.530	6.705	5.686	4.299	3.734	3.224	
$T/\text{K} = 308.15$									98S1
x_1	0.0000	0.2186	0.4166	0.5129	0.6368	0.8253	0.9103	1.0000	
$\nu /(\text{mm}^2/\text{s})$	8.245	6.742	5.518	4.959	4.266	3.309	2.900	2.528	
$T/\text{K} = 313.15$									98S1
x_1	0.0000	0.2186	0.4166	0.5129	0.6368	0.8253	0.9103	1.0000	
$\nu /(\text{mm}^2/\text{s})$	7.008	5.772	4.770	4.287	3.724	2.927	2.576	2.257	
1864	C₄H₁₀O (1)		butan-1-ol						71-36-3
	C₁₀H₇Cl (2)		1-chloro-naphthalene						90-13-1
$T/\text{K} = 298.15$									98A6
x_2	0.0000	0.1002	0.1997	0.2969	0.4016	0.5004	0.5990	0.6949	0.8006
$\eta /(\text{mPa s})$	2.540	2.486	2.447	2.383	2.376	2.379	2.430	2.491	2.591
x_2	0.8969	1.0000							
$\eta /(\text{mPa s})$	2.697	3.020							
$T/\text{K} = 303.15$									98A6
x_2	0.0000	0.1002	0.1997	0.2969	0.4016	0.5004	0.5990	0.6949	0.8006
$\eta /(\text{mPa s})$	2.324	2.176	2.149	2.110	2.102	2.109	2.153	2.207	2.301
x_2	0.8969	1.0000							
$\eta /(\text{mPa s})$	2.414	2.707							
$T/\text{K} = 308.15$									98A6
x_2	0.0000	0.1002	0.1997	0.2969	0.4016	0.5004	0.5990	0.6949	0.8006
$\eta /(\text{mPa s})$	1.968	1.927	1.894	1.865	1.854	1.864	1.914	1.977	2.059
x_2	0.8969	1.0000							
$\eta /(\text{mPa s})$	2.173	2.437							
1865	C₄H₁₀O (1)		butan-1-ol						71-36-3
	C₁₀H₂₂O (2)		decan-1-ol						112-30-1
$T/\text{K} = 293.15$									99S2
x_1	0.0000	0.1748	0.2939	0.4910	0.6325	0.7787	0.8851	1.0000	
$\eta /(\text{mPa s})$	14.548	11.906	10.266	7.756	6.156	4.690	3.806	2.962	
$T/\text{K} = 298.15$									99S2
x_1	0.0000	0.1793	0.4002	0.5389	0.7242	0.8360	0.9219	1.0000	
$\eta /(\text{mPa s})$	11.829	9.791	7.1559	6.102	4.498	3.659	3.077	2.597	
$T/\text{K} = 308.15$									98S1
x_1	0.0000	0.1793	0.4002	0.5389	0.7242	0.8360	0.9219	1.0000	
$\eta /(\text{mPa s})$	8.174	6.831	5.391	4.456	3.368	2.777	2.351	2.017	

$T/K = 313.15$									98S1
x_1	0.0000	0.1793	0.4002	0.5389	0.7242	0.8360	0.9219	1.0000	
$\eta /(\text{mPa s})$	6.841	5.780	4.543	3.848	2.917	2.438	2.082	1.793	
$T/K = 293.15$									99S2
x_1	0.0000	0.1748	0.2939	0.4910	0.6325	0.7787	0.8851	1.0000	
$\nu /(\text{mm}^2/\text{s})$	17.525	14.378	12.422	9.421	7.503	5.740	4.674	3.659	
$T/K = 298.15$									99S2
x_1	0.0000	0.1793	0.4002	0.5389	0.7242	0.8360	0.9219	1.0000	
$\nu /(\text{mm}^2/\text{s})$	14.308	11.875	9.203	7.453	5.521	4.509	3.805	3.224	
$T/K = 308.15$									98S1
x_1	0.0000	0.1793	0.4002	0.5389	0.7242	0.8360	0.9219	1.0000	
$\nu /(\text{mm}^2/\text{s})$	9.969	8.355	6.621	5.490	4.171	3.453	2.935	2.528	
$T/K = 313.15$									98S1
x_1	0.0000	0.1793	0.4002	0.5389	0.7242	0.8360	0.9219	1.0000	
$\nu /(\text{mm}^2/\text{s})$	8.376	7.097	5.602	4.761	3.629	3.046	2.610	2.257	
1866	C₄H₁₀O (1) C₁₂H₁₀O (2)	ethoxy-ethane diphenyl ether						60-29-7 101-84-8	
$T/^\circ\text{C} = 25.0$									20K1
x_1	0.0000	0.0704	0.1318	0.2193	0.3297	0.4545	0.5102	0.6076	0.7088
$\eta /(\text{mPa s})$	3.864	3.158	2.737	2.153	1.631	1.258	0.9926	0.7614	0.5733
x_1	0.7826	0.9092	1.0000						
$\eta /(\text{mPa s})$	0.4552	0.3106	0.2233						
1867	C₄H₁₀O (1) C₁₃H₁₂ (2)	2-methyl-propan-1-ol diphenylmethane						78-83-1 101-81-5	
$T/^\circ\text{C} = 30.0$									53K1
x_1	0.00	0.25	0.50	0.75	1.00				
$\eta /(\text{mPa s})$	2.372	2.055	1.903	2.012	2.514				
1868	C₄H₁₀O (1) C₁₄H₂₈O₂ (2)	butan-1-ol dodecanoic acid ethyl ester						71-36-3 106-33-2	
$T/K = 293.15$									98L1
x_2	0.0000	0.1001	0.2001	0.3002	0.4000	0.5001	0.6002	0.6997	0.8000
$\eta /(\text{mPa s})$	2.9679	2.7032	2.6434	2.6536	2.7184	2.8001	2.8907	3.0078	3.1113
x_2	0.9001	1.0000							
$\eta /(\text{mPa s})$	3.2250	3.3803							
$T/K = 303.15$									98L1

x_2	0.0000	0.0997	0.2001	0.2998	0.3532	0.4999	0.5982	0.6997	0.7986
$\eta /(\text{mPa s})$	2.2896	2.1289	2.0927	2.1176	2.1423	2.2327	2.3133	2.3861	2.4740
x_2	0.9006	1.0000							
$\eta /(\text{mPa s})$	2.5820	2.6951							
$T/\text{K} = 313.15$									98L1
x_2	0.0000	0.1000	0.1724	0.2999	0.4004	0.4998	0.5998	0.7011	0.7997
$\eta /(\text{mPa s})$	1.7955	1.7442	1.7243	1.7197	1.7419	1.7813	1.8180	1.8623	1.9266
x_2	0.8926	1.0000							
$\eta /(\text{mPa s})$	1.9787	2.0454							
1869	C₄H₁₀O (1)		butan-1-ol						71-36-3
	C₁₅H₂₆O₆ (2)		1,2,3-tris-(butyryloxy)-propane						60-01-5
$T/\text{K} = 278.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	4.38	4.59	5.48	6.51	7.68	9.05	10.59	12.27	14.26
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	16.67	19.63							
$T/\text{K} = 283.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	3.79	3.95	4.66	5.46	6.41	7.50	8.75	10.05	11.55
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	13.33	15.62							
$T/\text{K} = 288.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	3.28	3.41	3.97	4.64	5.41	6.27	7.27	8.30	9.50
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	10.96	12.61							
$T/\text{K} = 293.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	2.86	2.98	3.44	3.99	4.63	5.33	6.15	6.99	7.96
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	9.11	10.35							
$T/\text{K} = 298.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	2.52	2.61	3.00	3.46	3.99	4.58	5.23	5.96	6.73
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	7.66	8.68							
$T/\text{K} = 303.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8

η /(mPa s)	2.23	2.31	2.64	3.03	3.48	3.97	4.54	5.14	5.77
x_2	0.9	1.0							
η /(mPa s)	6.54	7.38							
T /K = 308.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	1.97	2.04	2.33	2.68	3.06	3.45	3.95	4.45	5.01
x_2	0.9	1.0							
η /(mPa s)	5.64	6.32							
T /K = 313.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	1.76	1.83	2.08	2.38	2.70	3.06	3.48	3.90	4.37
x_2	0.9	1.0							
η /(mPa s)	4.89	5.49							
1870	C₄H₁₀O (1)		butan-1-ol						71-36-3
	C₂₇H₅₀O₆ (2)		1,2,3-tris-(octanoyloxy)-propane						538-23-8
T /K = 278.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	4.38	7.22	10.96	15.06	19.38	23.94	28.64	33.65	39.12
x_2	0.9	1.0							
η /(mPa s)	45.25	51.74							
T /K = 283.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	3.79	6.11	9.10	12.29	15.63	19.13	22.70	26.43	30.63
x_2	0.9	1.0							
η /(mPa s)	35.12	39.43							
T /K = 288.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	3.28	5.20	7.60	10.11	12.67	15.36	18.11	21.00	24.22
x_2	0.9	1.0							
η /(mPa s)	27.40	30.83							
T /K = 293.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	2.86	4.47	6.41	8.45	10.56	12.65	14.85	17.09	19.51
x_2	0.9	1.0							
η /(mPa s)	22.09	24.75							
T /K = 298.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	2.52	3.87	5.49	7.15	8.84	10.54	12.28	14.02	16.05

x_2	0.9	1.0							
η /(mPa s)	18.00	19.98							
$T/K = 303.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	2.23	3.37	4.73	6.13	7.53	8.91	10.29	11.73	13.34
x_2	0.9	1.0							
η /(mPa s)	14.82	16.58							
$T/K = 308.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	1.97	2.97	4.12	5.28	6.46	7.57	8.74	9.89	11.20
x_2	0.9	1.0							
η /(mPa s)	12.39	13.79							
$T/K = 313.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	1.76	2.62	3.61	4.59	5.56	6.51	7.48	8.44	9.52
x_2	0.9	1.0							
η /(mPa s)	10.52	11.57							
1871	C₄H₁₀O₂ (1) C₅H₁₂O₃ (2)	1,2-dimethoxy-ethane 2-(2-methoxy-ethoxy)-ethanol							110-71-4 111-77-3
$T/K = 298.15$									99P4
x_2	0.0000	0.0142	0.0270	0.0472	0.0686	0.0957	0.1352	0.1767	0.2290
ν /(mm ² /s)	0.483	0.496	0.507	0.522	0.541	0.567	0.607	0.653	0.717
x_2	0.2748	0.3395	0.3948	0.4212	0.4618	0.5088	0.5545	0.6107	0.6691
ν /(mm ² /s)	0.779	0.877	0.977	1.031	1.115	1.230	1.351	1.521	1.719
x_2	0.7008	0.7422	0.8077	0.8557	0.9154	0.9426	0.9712	1.0000	
ν /(mm ² /s)	1.840	2.010	2.319	2.568	2.921	3.100	3.297	3.507	
$T/K = 308.15$									99P4
x_2	0.0000	0.0142	0.0270	0.0472	0.0686	0.0957	0.1352	0.1767	0.2290
ν /(mm ² /s)	0.438	0.449	0.458	0.471	0.486	0.509	0.543	0.580	0.632
x_2	0.2748	0.3395	0.3948	0.4212	0.4618	0.5088	0.5545	0.6107	0.6691
ν /(mm ² /s)	0.681	0.760	0.840	0.878	0.942	1.023	1.108	1.225	1.364
x_2	0.7008	0.7422	0.8077	0.8557	0.9154	0.9426	0.9712	1.0000	
ν /(mm ² /s)	1.443	1.558	1.763	1.939	2.188	2.313	2.455	2.607	
1872	C₄H₁₀O₂ (1) C₆H₁₂ (2)	2-ethoxy-ethanol cyclohexane							110-80-5 110-82-7
$T/K = 298.15$									95A4
x_1	0.0000	0.0993	0.2013	0.2968	0.4007	0.4950	0.5998	0.6974	0.8080

η /(mPa s)	0.877	0.864	0.910	0.961	1.035	1.112	1.211	1.341	1.496
x_1	0.9006	1.0000							
η /(mPa s)	1.714	1.784							
T /K = 303.15									95A4
x_1	0.0000	0.0993	0.2013	0.2968	0.4007	0.4950	0.5998	0.6974	0.8080
η /(mPa s)	0.804	0.787	0.827	0.875	0.938	1.004	1.093	1.200	1.341
x_1	0.9006	1.0000							
η /(mPa s)	1.527	1.587							
T /K = 308.15									95A4
x_1	0.0000	0.0993	0.2013	0.2968	0.4007	0.4950	0.5998	0.6974	0.8080
η /(mPa s)	0.737	0.724	0.755	0.798	0.852	0.884	0.992	1.085	1.206
x_1	0.9006	1.0000							
η /(mPa s)	1.371	1.427							
T /K = 313.15									95A4
x_1	0.0000	0.0993	0.2013	0.2968	0.4007	0.4950	0.5998	0.6974	0.8080
η /(mPa s)	0.682	0.663	0.696	0.731	0.786	0.837	0.899	0.977	1.094
x_1	0.9006	1.0000							
η /(mPa s)	1.231	1.281							
1873	C₄H₁₀O₂ (1) C₆H₁₂O (2)		1-methoxy-propan-2-ol 4-methyl-pentan-2-one						107-98-2 108-10-1
T /K = 298.15									90F1
x_2	0.0000	0.1057	0.2037	0.3075	0.4185	0.5295	0.6413	0.7612	0.8745
η /(mPa s)	1.659	1.373	1.167	1.006	0.875	0.774	0.696	0.630	0.582
x_2	1.0000								
η /(mPa s)	0.541								
1874	C₄H₁₀O₂ (1) C₆H₁₂O₂ (2)		2-ethoxy-ethanol acetic acid butyl ester						110-80-5 123-86-4
T /K = 308.15									96V1
x_2	0.0000	0.1346	0.2091	0.3596	0.3912	0.5463	0.6583	0.7042	0.8052
η /(mPa s)	1.5432	1.2668	1.1608	0.9629	0.9368	0.8139	0.7423	0.7157	0.6750
x_2	1.0000								
η /(mPa s)	0.6054								
T /°C = 25.0									58M1
x_1	0.0000	0.0826	0.1249	0.1454	0.2182	0.3951	0.4691	0.5020	0.5174
η/η_{water}	0.7527	0.7779	0.7935	0.8037	0.8411	0.9558	1.0238	1.0564	1.0714
x_1	0.5604	0.6488	0.7547	0.7674	0.7794	0.9079	0.9531	0.9678	1.0000
η/η_{water}	1.1186	1.2327	1.4082	1.4286	1.4509	1.7517	1.8761	1.9261	2.0316

1875	C₄H₁₀O₂ (1) C₆H₁₄ (2)	2-ethoxy-ethanol hexane							110-80-5 110-54-3
<i>T</i> /K = 298.15									95A4
<i>x</i> ₁	0.0000	0.0967	0.1963	0.2958	0.3940	0.4948	0.5958	0.6979	0.7955
<i>η</i> /(mPa s)	0.311	0.335	0.376	0.433	0.504	0.595	0.716	0.875	1.087
<i>x</i> ₁	0.8993	1.0000							
<i>η</i> /(mPa s)	1.452	1.784							
<i>T</i> /K = 303.15									95A4
<i>x</i> ₁	0.0000	0.0967	0.1963	0.2958	0.3940	0.4948	0.5958	0.6979	0.7955
<i>η</i> /(mPa s)	0.296	0.318	0.357	0.406	0.472	0.554	0.663	0.803	0.987
<i>x</i> ₁	0.8993	1.0000							
<i>η</i> /(mPa s)	1.315	1.587							
<i>T</i> /K = 308.15									95A4
<i>x</i> ₁	0.0000	0.0967	0.1963	0.2958	0.3940	0.4948	0.5958	0.6979	0.7955
<i>η</i> /(mPa s)	0.284	0.303	0.339	0.385	0.443	0.517	0.615	0.741	0.907
<i>x</i> ₁	0.8993	1.0000							
<i>η</i> /(mPa s)	1.199	1.427							
<i>T</i> /K = 313.15									95A4
<i>x</i> ₁	0.0000	0.0967	0.1963	0.2958	0.3940	0.4948	0.5958	0.6979	0.7955
<i>η</i> /(mPa s)	0.270	0.290	0.322	0.361	0.415	0.484	0.573	0.686	0.829
<i>x</i> ₁	0.8993	1.0000							
<i>η</i> /(mPa s)	1.083	1.281							
1876	C₄H₁₀O₂ (1) C₇H₁₆ (2)	2-ethoxy-ethanol heptane							110-80-5 142-82-5
<i>T</i> /K = 298.15									95A4
<i>x</i> ₁	0.0000	0.1091	0.1973	0.2990	0.4000	0.5014	0.6074	0.6986	0.7990
<i>η</i> /(mPa s)	0.395	0.422	0.455	0.510	0.585	0.671	0.720	0.922	1.120
<i>x</i> ₁	0.8989	1.0000							
<i>η</i> /(mPa s)	1.390	1.784							
<i>T</i> /K = 303.15									95A4
<i>x</i> ₁	0.0000	0.1091	0.1973	0.2990	0.4000	0.5014	0.6074	0.6986	0.7990
<i>η</i> /(mPa s)	0.375	0.398	0.428	0.478	0.541	0.619	0.673	0.843	1.013
<i>x</i> ₁	0.8989	1.0000							
<i>η</i> /(mPa s)	1.247	1.587							
<i>T</i> /K = 308.15									95A4
<i>x</i> ₁	0.0000	0.1091	0.1973	0.2990	0.4000	0.5014	0.6074	0.6986	0.7990
<i>η</i> /(mPa s)	0.356	0.377	0.404	0.449	0.506	0.574	0.630	0.772	0.927

x_1	0.8989	1.0000							
η /(mPa s)	1.133	1.427							
$T/K = 313.15$									95A4
x_1	0.0000	0.1091	0.1973	0.2990	0.4000	0.5014	0.6074	0.6986	0.7990
η /(mPa s)	0.339	0.355	0.382	0.422	0.472	0.535	0.592	0.713	0.844
x_1	0.8989	1.0000							
η /(mPa s)	1.026	1.281							
1877	C₄H₁₀O₂ (1) C₇H₁₆O₄ (2)		1,2-dimethoxy-ethane 2-[2-(2-methoxy-ethoxy)-ethoxy]-ethanol						110-71-4 112-35-6
$T/K = 298.15$									99P4
x_2	0.0000	0.0120	0.0262	0.0398	0.0672	0.0854	0.1068	0.1402	0.1983
v /(mm ² /s)	0.483	0.500	0.519	0.539	0.581	0.609	0.643	0.703	0.822
x_2	0.2612	0.3019	0.3383	0.3754	0.4243	0.4740	0.5274	0.5840	0.6280
v /(mm ² /s)	0.972	1.088	1.201	1.331	1.521	1.738	2.007	2.325	2.601
x_2	0.6621	0.7011	0.7458	0.7997	0.8450	0.8981	0.9421	0.9792	1.0000
v /(mm ² /s)	2.835	3.128	3.488	3.972	4.421	5.003	5.506	6.024	6.314
$T/K = 308.15$									99P4
x_2	0.0000	0.0120	0.0262	0.0398	0.0672	0.0854	0.1068	0.1402	0.1983
v /(mm ² /s)	0.438	0.451	0.468	0.484	0.522	0.544	0.574	0.624	0.719
x_2	0.2612	0.3019	0.3383	0.3754	0.4243	0.4740	0.5274	0.5840	0.6280
v /(mm ² /s)	0.841	0.927	1.011	1.105	1.239	1.392	1.575	1.792	1.975
x_2	0.6621	0.7011	0.7458	0.7997	0.8450	0.8981	0.9421	0.9792	1.0000
v /(mm ² /s)	2.135	2.333	2.574	2.898	3.201	3.596	3.958	4.290	4.488
1878	C₄H₁₀O₂ (1) C₈H₁₀ (2)		2-ethoxy-ethanol ethylbenzene						110-80-5 100-41-4
$T/K = 298.15$									88F1
x_2	0.0000	0.0993	0.1968	0.2930	0.4069	0.5133	0.6286	0.7484	0.8672
η /(mPa s)	1.541	1.589	1.378	1.220	1.055	0.929	0.822	0.736	0.677
x_2	1.0000								
η /(mPa s)	0.627								
$T/K = 298.15$									88F1
x_2	0.0000	0.0993	0.1968	0.2930	0.4069	0.5133	0.6286	0.7484	0.8672
v /(mm ² /s)	1.605	1.732	1.515	1.352	1.180	1.047	0.934	0.842	0.780
x_2	1.0000								
v /(mm ² /s)	0.727								

1879	C₄H₁₀O₂ (1)	C₈H₁₈ (2)	2-ethoxy-ethanol							110-80-5
			octane							111-65-9
<i>T</i> /K = 298.15										
<i>x</i> ₁	0.0000	0.0976	0.1994	0.3003	0.4001	0.5004	0.5944	0.6962	0.7983	
<i>η</i> /(mPa s)	0.510	0.524	0.566	0.619	0.687	0.772	0.870	1.003	1.179	
<i>x</i> ₁	0.8969	1.0000								
<i>η</i> /(mPa s)	1.421	1.784								
<i>T</i> /K = 303.15										
<i>x</i> ₁	0.0000	0.0976	0.1994	0.3003	0.4001	0.5004	0.5944	0.6962	0.7983	
<i>η</i> /(mPa s)	0.479	0.490	0.527	0.574	0.632	0.710	0.795	0.911	1.069	
<i>x</i> ₁	0.8969	1.0000								
<i>η</i> /(mPa s)	1.279	1.587								
<i>T</i> /K = 308.15										
<i>x</i> ₁	0.0000	0.0976	0.1994	0.3003	0.4001	0.5004	0.5944	0.6962	0.7983	
<i>η</i> /(mPa s)	0.453	0.463	0.494	0.538	0.591	0.657	0.732	0.834	0.972	
<i>x</i> ₁	0.8969	1.0000								
<i>η</i> /(mPa s)	1.155	1.427								
<i>T</i> /K = 313.15										
<i>x</i> ₁	0.0000	0.0976	0.1994	0.3003	0.4001	0.5004	0.5944	0.6962	0.7983	
<i>η</i> /(mPa s)	0.426	0.434	0.462	0.500	0.550	0.609	0.673	0.763	0.896	
<i>x</i> ₁	0.8969	1.0000								
<i>η</i> /(mPa s)	1.050	1.281								
1880	C₄H₁₀O₂ (1)	C₈H₁₈ (2)	2-ethoxy-ethanol							110-80-5
			2,2,4-trimethyl-pentane							540-84-1
<i>T</i> /K = 298.15										
<i>x</i> ₁	0.0000	0.0991	0.1991	0.2975	0.4347	0.4972	0.6001	0.6976	0.7979	
<i>η</i> /(mPa s)	0.462	0.494	0.536	0.595	0.692	0.753	0.862	1.006	1.179	
<i>x</i> ₁	0.8986	1.0000								
<i>η</i> /(mPa s)	1.436	1.784								
<i>T</i> /K = 303.15										
<i>x</i> ₁	0.0000	0.0991	0.1991	0.2975	0.4347	0.4972	0.6001	0.6976	0.7979	
<i>η</i> /(mPa s)	0.436	0.466	0.500	0.552	0.648	0.694	0.797	0.913	1.086	
<i>x</i> ₁	0.8986	1.0000								
<i>η</i> /(mPa s)	1.292	1.587								
<i>T</i> /K = 308.15										
<i>x</i> ₁	0.0000	0.0991	0.1991	0.2975	0.4347	0.4972	0.6001	0.6976	0.7979	
<i>η</i> /(mPa s)	0.412	0.439	0.475	0.517	0.601	0.642	0.738	0.839	0.993	
<i>x</i> ₁	0.8986	1.0000								

η /(mPa s)	1.167	1.427							
T /K = 313.15									95A4
x_1	0.0000	0.0991	0.1991	0.2975	0.4347	0.4972	0.6001	0.6976	0.7979
η /(mPa s)	0.391	0.415	0.445	0.483	0.560	0.597	0.677	0.767	0.901
x_1	0.8986	1.0000							
η /(mPa s)	1.066	1.281							

1881	C₄H₁₀O₂ (1) C₉H₂₀ (2)		2-ethoxy-ethanol nonane						110-80-5 111-84-2
T /K = 298.15									95A4
x_1	0.0000	0.0980	0.2031	0.3023	0.4074	0.5050	0.6010	0.7022	0.8034
η /(mPa s)	0.650	0.662	0.696	0.746	0.822	0.900	1.024	1.107	1.263
x_1	0.9003	1.0000							
η /(mPa s)	1.469	1.784							
T /K = 303.15									95A4
x_1	0.0000	0.0980	0.2031	0.3023	0.4074	0.5050	0.6010	0.7022	0.8034
η /(mPa s)	0.608	0.620	0.646	0.690	0.753	0.821	0.929	1.005	1.137
x_1	0.9003	1.0000							
η /(mPa s)	1.316	1.587							
T /K = 308.15									95A4
x_1	0.0000	0.0980	0.2031	0.3023	0.4074	0.5050	0.6010	0.7022	0.8034
η /(mPa s)	0.569	0.577	0.601	0.640	0.697	0.757	0.853	0.916	1.034
x_1	0.9003	1.0000							
η /(mPa s)	1.191	1.427							
T /K = 313.15									95A4
x_1	0.0000	0.0980	0.2031	0.3023	0.4074	0.5050	0.6010	0.7022	0.8034
η /(mPa s)	0.535	0.537	0.558	0.596	0.642	0.698	0.778	0.837	0.939
x_1	0.9003	1.0000							
η /(mPa s)	1.075	1.281							

1882	C₄H₁₀O₂ (1) C₁₀H₂₂ (2)		2-ethoxy-ethanol decane						110-80-5 124-18-5
T /K = 298.15									95A4
x_1	0.0000	0.0958	0.2018	0.2985	0.4011	0.4984	0.5978	0.6989	0.7994
η /(mPa s)	0.832	0.828	0.851	0.905	0.962	1.046	1.128	1.223	1.345
x_1	0.8984	1.0000							
η /(mPa s)	1.512	1.784							
T /K = 303.15									95A4
x_1	0.0000	0.0958	0.2018	0.2985	0.4011	0.4984	0.5978	0.6989	0.7994

η /(mPa s)	0.774	0.767	0.785	0.827	0.879	0.946	1.016	1.108	1.209
x_1	0.8984	1.0000							
η /(mPa s)	1.354	1.587							
T /K = 308.15									95A4
x_1	0.0000	0.0958	0.2018	0.2985	0.4011	0.4984	0.5978	0.6989	0.7994
η /(mPa s)	0.721	0.709	0.725	0.766	0.806	0.866	0.929	1.001	1.096
x_1	0.8984	1.0000							
η /(mPa s)	1.223	1.427							
T /K = 313.15									95A4
x_1	0.0000	0.0958	0.2018	0.2985	0.4011	0.4984	0.5978	0.6989	0.7994
η /(mPa s)	0.673	0.661	0.681	0.705	0.744	0.797	0.844	0.921	0.992
x_1	0.8984	1.0000							
η /(mPa s)	1.103	1.281							
1883	C₄H₁₀O₂ (1) C₁₂H₂₆ (2)		1,2-dimethoxy-ethane dodecane						110-71-4 112-40-3
T /K = 298.15									99B2
x_1	0.000	0.137	0.250	0.334	0.410	0.516	0.622	0.689	0.799
ν /(mm ² /s)	1.844	1.632	1.421	1.195	1.140	1.013	0.867	0.808	0.662
x_1	0.896	1.000							
ν /(mm ² /s)	0.553	0.496							
T /K = 323.15									99B2
x_1	0.000	0.105	0.155	0.199	0.288	0.425	0.497	0.597	0.730
ν /(mm ² /s)	1.269	1.081	1.041	0.994	0.909	0.784	0.710	0.619	0.539
x_1	0.815	0.896	1.000						
ν /(mm ² /s)	0.462	0.415	0.368						
1884	C₄H₁₀O₂ (1) C₁₂H₂₆ (2)		2-ethoxy-ethanol dodecane						110-80-5 112-40-3
T /K = 298.15									95A4
x_1	0.0000	0.1001	0.1987	0.3099	0.3972	0.5014	0.5996	0.6933	0.7988
η /(mPa s)	1.331	1.288	1.294	1.321	1.339	1.379	1.412	1.453	1.529
x_1	0.8984	1.0000							
η /(mPa s)	1.636	1.784							
T /K = 303.15									95A4
x_1	0.0000	0.1001	0.1987	0.3099	0.3972	0.5014	0.5996	0.6933	0.7988
η /(mPa s)	1.215	1.171	1.174	1.195	1.223	1.256	1.284	1.317	1.387
x_1	0.8984	1.0000							
η /(mPa s)	1.465	1.587							

$T/K = 308.15$										95A4
x_1	0.0000	0.1001	0.1987	0.3099	0.3972	0.5014	0.5996	0.6933	0.7988	
$\eta /(\text{mPa s})$	1.113	1.075	1.076	1.090	1.115	1.138	1.166	1.191	1.254	
x_1	0.8984	1.0000								
$\eta /(\text{mPa s})$	1.316	1.427								
$T/K = 313.15$										95A4
x_1	0.0000	0.1001	0.1987	0.3099	0.3972	0.5014	0.5996	0.6933	0.7988	
$\eta /(\text{mPa s})$	1.025	0.986	0.987	0.997	1.020	1.045	1.063	1.082	1.139	
x_1	0.8984	1.0000								
$\eta /(\text{mPa s})$	1.191	1.281								
1885	C₄H₁₀O₃ (1) C₅H₉NO (2)		2-(2-hydroxy-ethoxy)-ethanol N-methyl-2-pyrrolidone							111-46-6 872-50-4
$T/K = 293.15$										73S1
φ_2	0.00	0.30	0.70	1.00						
$\eta /(\text{mPa s})$	42.41	15.78	4.73	1.85						
$T/K = 333.15$										73S1
φ_2	0.00	0.30	0.70	1.00						
$\eta /(\text{mPa s})$	7.31	4.28	2.14	1.07						
1886	C₄H₁₀O₃ (1) C₇H₁₃NO (2)		2-(2-hydroxy-ethoxy)-ethanol 1-methyl-azepan-2-one							111-46-6 2556-73-2
$T/K = 293.15$										77S3
φ_2	0.10	0.30	0.50	0.70	0.90					
$\eta /(\text{mPa s})$	28.97	22.91	16.41	11.35	7.08					
$T/K = 313.15$										77S3
φ_2	0.10	0.30	0.50	0.70	0.90					
$\eta /(\text{mPa s})$	12.52	10.29	8.18	6.04	4.16					
$T/K = 333.15$										77S3
φ_2	0.10	0.30	0.50	0.70	0.90					
$\eta /(\text{mPa s})$	6.48	5.50	4.65	3.65	2.66					
1887	C₄H₁₁N (1) C₅H₈O (2)		butylamine cyclopentanone							109-73-9 120-92-3
$T/K = 303.15$										80S3
x_1	0.0000	0.0957	0.2075	0.3126	0.4731	0.5364	0.6816	0.7758	0.8894	
$\eta /(\text{mPa s})$	0.992	1.450	1.902	2.204	2.340	2.252	1.904	1.552	1.073	
x_1	1.0000									

η /(mPa s) 0.501

1888 **C₄H₁₁N (1)** **butylamine** **109-73-9**
 C₅H₁₀O (2) **pentan-2-one** **107-87-9**

$T/K = 303.15$ 80S3

x_1 0.0000 0.1000 0.1974 0.3754 0.5189 0.6418 0.7158 0.8252 0.8978

η /(mPa s) 0.456 0.608 0.752 0.936 1.023 1.061 0.949 0.825 0.709

x_1 1.0000

η /(mPa s) 0.501

1889 **C₄H₁₁N (1)** **butylamine** **109-73-9**
 C₅H₁₀O (2) **pentan-3-one** **96-22-0**

$T/K = 303.15$ 80S3

x_1 0.0000 0.1145 0.2006 0.3211 0.4170 0.5421 0.7264 0.8234 0.8922

η /(mPa s) 0.424 0.519 0.590 0.678 0.735 0.784 0.752 0.681 0.620

x_1 1.0000

η /(mPa s) 0.501

1890 **C₄H₁₁N (1)** **diethylamine** **109-89-7**
 C₅H₁₀O (2) **pentan-3-one** **96-22-0**

$T/^\circ\text{C} = 25.0$ 61L1

x_1 0.0 0.2 0.4 0.5 0.6 0.8 1.0

η /(mPa s) 0.268 0.275 0.285 0.291 0.296 0.313 0.326

1891 **C₄H₁₁N (1)** **butylamine** **109-73-9**
 C₅H₁₂O (2) **pentan-1-ol** **71-41-0**

$T/K = 303.15$ 99O1

x_1 0.0000 0.0970 0.1887 0.2883 0.3880 0.5146 0.6173 0.7066 0.8075

η /(mPa s) 2.8315 2.5001 2.1823 1.8419 1.5298 1.1795 0.9476 0.7962 0.6516

x_1 0.8845 1.0000

η /(mPa s) 0.5590 0.4442

$T/K = 313.15$ 99O1

x_1 0.0000 0.0970 0.1887 0.2883 0.3880 0.5146 0.6173 0.7066 0.8075

η /(mPa s) 2.3443 2.0423 1.7613 1.4905 1.2637 0.9969 0.8283 0.6999 0.5757

x_1 0.8845 1.0000

η /(mPa s) 0.4945 0.3927

1892 **C₄H₁₁N (1)** **butylamine** **109-73-9**

	C₆H₆ (2)		benzene						71-43-2		
<i>T</i> /K = 303.15											92O2
<i>x</i> ₂	0.0000	0.0974	0.1974	0.5007	0.6051	0.7995	0.9004	1.0000			
<i>η</i> /(mPa s)	0.4443	0.4454	0.4466	0.4542	0.4738	0.5056	0.5322	0.5621			
<i>T</i> /K = 303.15											87R1
<i>x</i> ₁	0.0000	0.0558	0.1165	0.2036	0.2875	0.3820	0.5164	0.5676	0.6631		
<i>η</i> /(mPa s)	0.562	0.536	0.516	0.494	0.479	0.465	0.453	0.451	0.448		
<i>x</i> ₁	0.7656	0.8602	0.9278	1.0000							
<i>η</i> /(mPa s)	0.447	0.446	0.444	0.443							
1893	C₄H₁₁N (1) C₆H₆ (2)		diethylamine benzene						109-89-7 71-43-2		
<i>T</i> /°C = 20.0											58L2
<i>x</i> ₁	0.2	0.4	0.5	0.6	0.8	1.0					
<i>η</i> /(mPa s)	0.522	0.440	0.411	0.387	0.349	0.320					
<i>T</i> /°C = 30.0											58L2
<i>x</i> ₁	0.2	0.4	0.5	0.6	0.8	1.0					
<i>η</i> /(mPa s)	0.463	0.393	0.367	0.348	0.314	0.288					
<i>T</i> /°C = 35.0											58L2
<i>x</i> ₁	0.0	0.2	0.4	0.5	0.6	0.8	1.0				
<i>η</i> /(mPa s)	0.527	0.438	0.374	0.350	0.333	0.298	0.274				
<i>T</i> /°C = 15.0											55A1
<i>x</i> ₂	0.0	0.25	0.50	0.75	1.0						
<i>η</i> /(mPa s)	0.695	0.559	0.466	0.416	0.386						
<i>T</i> /°C = 25.0											55A1
<i>x</i> ₂	0.0	0.25	0.50	0.75	1.0						
<i>η</i> /(mPa s)	0.606	0.497	0.405	0.366	0.342						
<i>T</i> /°C = 50.0											55A1
<i>x</i> ₂	0.0	0.25	0.50	0.75	1.0						
<i>η</i> /(mPa s)	0.467	0.374	0.315	0.281	0.250						
1894	C₄H₁₁N (1) C₆H₁₀O (2)		butylamine cyclohexanone						109-73-9 108-94-1		
<i>T</i> /K = 303.15											80S3
<i>x</i> ₁	0.0000	0.1251	0.2012	0.2448	0.3617	0.5296	0.6105	0.7626	0.8870		
<i>η</i> /(mPa s)	1.810	2.752	2.984	3.075	3.092	2.811	2.592	1.940	1.202		
<i>x</i> ₁	1.0000										

η /(mPa s) 0.501

1895 **C₄H₁₁N (1)** **butylamine** **109-73-9**
 C₆H₁₂ (2) **cyclohexane** **110-82-7**

$T/K = 303.15$ 9101

x_2 0.0000 0.1009 0.2007 0.3012 0.3987 0.4982 0.5729 0.7003 0.7863

η /(mPa s) 0.443 0.453 0.467 0.492 0.501 0.529 0.553 0.601 0.652

x_2 0.8993 1.0000

η /(mPa s) 0.725 0.819

1896 **C₄H₁₁N (1)** **butylamine** **109-73-9**
 C₆H₁₄ (2) **hexane** **110-54-3**

$T/K = 298.15$ 96D1

x_2 0.0995 0.2009 0.2987 0.4003 0.4987 0.5995 0.7021 0.8015 0.8999

η /(mPa s) 0.4331 0.4017 0.3782 0.3564 0.3397 0.3249 0.3127 0.3036 0.2974

$T/K = 313.15$ 96D1

x_2 0.0995 0.2009 0.2987 0.4003 0.4987 0.5995 0.7021 0.8015 0.8999

η /(mPa s) 0.3573 0.3331 0.3159 0.3002 0.2875 0.2767 0.2675 0.2608 0.2562

$T/^\circ\text{C} = 30.0$ 82S1

x_1 0.0000 0.1341 0.2674 0.4006 0.5268 0.6349 0.7491 0.8215 0.9178

η /(mPa s) 0.278 0.266 0.262 0.245 0.252 0.281 0.318 0.368 0.445

x_1 1.0000

η /(mPa s) 0.501

1897 **C₄H₁₁N (1)** **butylamine** **109-73-9**
 C₆H₁₄O (2) **hexan-1-ol** **111-27-3**

$T/K = 303.15$ 99O1

x_1 0.0000 0.0990 0.2079 0.2888 0.4140 0.5223 0.5987 0.7197 0.8124

η /(mPa s) 3.7635 3.2700 2.7281 2.3341 1.7896 1.3896 1.1549 0.8668 0.6995

x_1 0.9046 1.0000

η /(mPa s) 0.5625 0.4442

$T/K = 313.15$ 99O1

x_1 0.0000 0.0990 0.2079 0.2888 0.4140 0.5223 0.5987 0.7197 0.8124

η /(mPa s) 3.1101 2.6734 2.2015 1.9064 1.4702 1.1608 0.9887 0.7540 0.6110

x_1 0.9046 1.0000

η /(mPa s) 0.4944 0.3927

1898 **C₄H₁₁N (1)** **butylamine** **109-73-9**

	C₆H₁₅N (2)		triethylamine						121-44-8	
<i>T</i> /K = 303.15	9204									
<i>x</i> ₂	0.0000	0.1038	0.2009	0.4065	0.5021	0.5996	0.8010	0.8898	1.0000	
<i>η</i> /(mPa s)	0.4378	0.4186	0.4019	0.3761	0.3681	0.3611	0.3570	0.3569	0.3592	
<i>T</i> /K = 313.15	9204									
<i>x</i> ₂	0.0000	0.1038	0.2009	0.4065	0.5021	0.5996	0.8010	0.8898	1.0000	
<i>η</i> /(mPa s)	0.3891	0.3692	0.3555	0.3345	0.3290	0.3244	0.3216	0.3228	0.3249	
1899	C₄H₁₁N (1)		diethylamine						109-89-7	
	C₆H₁₅N (2)		triethylamine						121-44-8	
<i>T</i> /°C = 20.0	70L1									
<i>x</i> ₂	0.0000	0.0764	0.1501	0.1699	0.2395	0.2420	0.2748	0.3940	0.4934	
<i>η</i> /(mPa s)	0.3060	0.3086	0.3121	0.3127	0.3163	0.3169	0.3181	0.3241	0.3298	
<i>x</i> ₂	0.5030	0.6186	0.6749	0.7037	0.7584	0.8148	0.9031	0.9113	1.0000	
<i>η</i> /(mPa s)	0.3301	0.3377	0.3419	0.3436	0.3473	0.3517	0.3581	0.3589	0.3658	
<i>T</i> /°C = 30.0	70L1									
<i>x</i> ₂	0.0000	0.1025	0.2076	0.2420	0.3033	0.4029	0.4070	0.4934	0.5072	
<i>η</i> /(mPa s)	0.2729	0.2771	0.2820	0.2836	0.2865	0.2917	0.2924	0.2968	0.2974	
<i>x</i> ₂	0.6113	0.6479	0.7143	0.7584	0.8041	0.8877	0.9031	1.0000		
<i>η</i> /(mPa s)	0.3035	0.3074	0.3111	0.3123	0.3159	0.3230	0.3224	0.3295		
<i>T</i> /°C = 40.0	70L1									
<i>x</i> ₂	0.0000	0.1025	0.2076	0.3033	0.4029	0.5072	0.6113	0.7064	0.8041	
<i>η</i> /(mPa s)	0.2467	0.2489	0.2545	0.2587	0.2631	0.2687	0.2747	0.2801	0.2860	
<i>x</i> ₂	0.8877	1.0000								
<i>η</i> /(mPa s)	0.2921	0.2985								
1900	C₄H₁₁N (1)		diethylamine						109-89-7	
	C₇H₅NS (2)		phenyl isothiocyanate						103-72-0	
<i>T</i> /°C = 25.0	13K2									
<i>x</i> ₁	0.00	0.10	0.25	0.40	0.45	0.48	0.50	0.52	0.55	
<i>η</i> /(mPa s)	1.397	2.626	11.149	197.74	1735.0	4062.0	37089.	8859.0	2596.7	
<i>x</i> ₁	0.60	0.667	0.75	0.90	1.00					
<i>η</i> /(mPa s)	526.73	39.037	5.835	0.661	0.346					
<i>T</i> /°C = 35.0	13K2									
<i>x</i> ₁	0.00	0.10	0.25	0.40	0.45	0.48	0.50	0.52	0.55	
<i>η</i> /(mPa s)	1.199	2.161	7.455	78.939	471.37	1044.4	4896.5	2222.0	953.21	
<i>x</i> ₁	0.60	0.667	0.75	0.90	1.00					
<i>η</i> /(mPa s)	227.04	21.860	3.853	0.560	0.279					

$T/^\circ\text{C} = 50.0$										13K2
x_1	0.00	0.10	0.25	0.40	0.45	0.48	0.50	0.52	0.55	
$\eta /(\text{mPa s})$	0.978	1.656	4.436	27.452	130.71	191.55	528.14	329.74	140.90	
1901	C₄H₁₁N (1) C₇H₈ (2)	butylamine toluene							109-73-9 108-88-3	
$T/\text{K} = 303.15$										87R1
x_1	0.0000	0.0685	0.1474	0.2553	0.3280	0.4247	0.5197	0.6107	0.6993	
$\eta /(\text{mPa s})$	0.521	0.510	0.497	0.485	0.474	0.464	0.457	0.453	0.449	
x_1	0.7946	0.8819	0.9407	1.0000						
$\eta /(\text{mPa s})$	0.446	0.445	0.444	0.443						
1902	C₄H₁₁N (1) C₇H₉N (2)	butylamine benzylamine							109-73-9 100-46-9	
$T/\text{K} = 303.15$										93L2
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.497	1.324	1.204	1.068	0.964	0.847	0.748	0.654	0.578	
x_1	0.9	1.0								
$\eta /(\text{mPa s})$	0.513	0.458								
$T/\text{K} = 313.15$										93L2
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.262	1.125	1.021	0.929	0.835	0.737	0.642	0.567	0.506	
x_1	0.9	1.0								
$\eta /(\text{mPa s})$	0.450	0.398								
$T/\text{K} = 323.15$										93L2
x_1	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta /(\text{mPa s})$	1.071	0.965	0.878	0.791	0.718	0.639	0.567	0.500	0.446	
x_1	0.9	1.0								
$\eta /(\text{mPa s})$	0.396	0.353								
1903	C₄H₁₁N (1) C₇H₁₂O (2)	butylamine 2-methyl-cyclohexanone							109-73-9 583-60-8	
$T/\text{K} = 303.15$										80S3
x_1	0.0000	0.1214	0.2017	0.3249	0.4512	0.5524	0.6849	0.8025	0.8938	
$\eta /(\text{mPa s})$	1.406	1.802	1.906	1.944	1.826	1.715	1.417	1.126	0.855	
x_1	1.0000									
$\eta /(\text{mPa s})$	0.501									

1904	C₄H₁₁N (1) C₇H₁₆ (2)		butylamine heptane						109-73-9 142-82-5
$T/^\circ\text{C} = 30.0$									82S1
x_1	0.0000	0.1262	0.2430	0.3214	0.4015	0.4973	0.6195	0.7804	0.8723
$\eta /(\text{mPa s})$	0.368	0.355	0.345	0.354	0.358	0.362	0.381	0.434	0.462
x_1	1.0000								
$\eta /(\text{mPa s})$	0.501								
1905	C₄H₁₁N (1) C₇H₁₆O (2)		butylamine heptan-1-ol						109-73-9 111-70-6
$T/\text{K} = 303.15$									99O1
x_1	0.0000	0.1220	0.1998	0.2914	0.4133	0.4897	0.6172	0.7147	0.8091
$\eta /(\text{mPa s})$	4.7853	3.9644	3.4395	2.8659	2.1689	1.7972	1.2840	0.9851	0.7610
x_1	0.9070	1.0000							
$\eta /(\text{mPa s})$	0.5793	0.4442							
$T/\text{K} = 313.15$									99O1
x_1	0.0000	0.1220	0.1998	0.2914	0.4133	0.4897	0.6172	0.7147	0.8091
$\eta /(\text{mPa s})$	3.5786	2.9306	2.5569	2.1336	1.6356	1.3631	0.9879	0.7769	0.6198
x_1	0.9070	1.0000							
$\eta /(\text{mPa s})$	0.4903	0.3927							
1906	C₄H₁₁N (1) C₈H₁₀ (2)		butylamine 1,2-dimethyl-benzene						109-73-9 95-47-6
$T/\text{K} = 303.15$									87R1
x_1	0.0000	0.0811	0.1509	0.2681	0.3574	0.4598	0.5460	0.6419	0.7306
$\eta /(\text{mPa s})$	0.680	0.648	0.624	0.587	0.560	0.535	0.518	0.499	0.484
x_1	0.8169	0.8974	0.9503	1.0000					
$\eta /(\text{mPa s})$	0.469	0.457	0.450	0.443					
1907	C₄H₁₁N (1) C₈H₁₀ (2)		butylamine 1,3-dimethyl-benzene						109-73-9 108-38-3
$T/\text{K} = 303.15$									87R1
x_1	0.0000	0.0824	0.1495	0.2739	0.3870	0.4543	0.5525	0.6484	0.7553
$\eta /(\text{mPa s})$	0.538	0.525	0.516	0.497	0.484	0.476	0.469	0.462	0.457
x_1	0.8160	0.8978	0.9469	1.0000					
$\eta /(\text{mPa s})$	0.453	0.448	0.445	0.443					
1908	C₄H₁₁N (1) C₈H₁₀ (2)		butylamine 1,4-dimethyl-benzene						109-73-9 106-42-3

$T/K = 303.15$										87R1
x_1	0.0000	0.0795	0.1507	0.2545	0.3628	0.4612	0.5562	0.6469	0.7338	
$\eta /(\text{mPa s})$	0.564	0.545	0.530	0.511	0.494	0.481	0.471	0.464	0.457	
x_1	0.8144	0.8979	0.9456	1.0000						
$\eta /(\text{mPa s})$	0.451	0.448	0.444	0.443						
1909	C₄H₁₁N (1) C₈H₁₈ (2)		butylamine octane							109-73-9 111-65-9
$T/^\circ\text{C} = 30.0$										82S1
x_1	0.0000	0.1275	0.2962	0.4015	0.5214	0.6438	0.7573	0.7894	0.9231	
$\eta /(\text{mPa s})$	0.472	0.462	0.441	0.433	0.428	0.420	0.434	0.441	0.478	
x_1	1.0000									
$\eta /(\text{mPa s})$	0.501									
1910	C₄H₁₁N (1) C₈H₁₈O (2)		butylamine octan-1-ol							109-73-9 111-87-5
$T/K = 303.15$										99O1
x_1	0.0000	0.0940	0.1949	0.2880	0.4199	0.5164	0.6190	0.7192	0.8084	
$\eta /(\text{mPa s})$	6.1023	5.2699	4.3910	3.6259	2.6652	2.0648	1.5230	1.1034	0.8208	
x_1	0.9064	1.0000								
$\eta /(\text{mPa s})$	0.5902	0.4442								
$T/K = 313.15$										99O1
x_1	0.0000	0.0940	0.1949	0.2880	0.4199	0.5164	0.6190	0.7192	0.8084	
$\eta /(\text{mPa s})$	4.4132	3.7648	3.1286	2.5853	1.9287	1.5212	1.1540	0.8639	0.6658	
x_1	0.9064	1.0000								
$\eta /(\text{mPa s})$	0.5049	0.3927								
1911	C₄H₁₁N (1) C₁₀H₂₂O (2)		butylamine decan-1-ol							109-73-9 112-30-1
$T/K = 303.15$										99O1
x_1	0.0000	0.1009	0.1875	0.2926	0.4082	0.4885	0.5888	0.7198	0.8119	
$\eta /(\text{mPa s})$	8.8347	7.6194	6.5680	5.3226	4.0505	3.2318	2.3356	1.3979	0.9303	
x_1	0.9029	1.0000								
$\eta /(\text{mPa s})$	0.6273	0.4442								
$T/K = 313.15$										99O1
x_1	0.0000	0.1009	0.1875	0.2926	0.4082	0.4885	0.5888	0.7198	0.8119	
$\eta /(\text{mPa s})$	6.9555	5.9258	5.0592	4.0580	3.0721	2.4623	1.8125	1.1512	0.8181	
x_1	0.9029	1.0000								

η /(mPa s) 0.5744 0.3927

1912 **C₄H₁₁N (1)** **butylamine** **109-73-9**
C₁₂H₂₇N (2) **tributylamine** **102-82-9**

$T/K = 303.15$ 9203

x_2 0.0000 0.0993 0.1930 0.3946 0.4948 0.5888 0.7738 0.8887 1.0000

η /(mPa s) 0.4378 0.5014 0.5660 0.7175 0.7961 0.8701 1.0133 1.0942 1.1668

$T/K = 313.15$ 9203

x_2 0.0000 0.0993 0.1930 0.3946 0.4948 0.5888 0.7738 0.8887 1.0000

η /(mPa s) 0.3891 0.4423 0.4968 0.6233 0.6880 0.7498 0.8682 0.9377 1.0000

1913 **C₅H₄O₂ (1)** **furfural** **98-01-1**
C₅H₁₀O (2) **pentan-2-one** **107-87-9**

$T/K = 298.15$ 91N1

x_1 0.0896 0.2113 0.3170 0.4064 0.5338 0.5969 0.6886 0.7840 0.8674

η /(mPa s) 0.509 0.621 0.720 0.808 0.943 1.013 1.120 1.233 1.337

$T/K = 303.15$ 91N1

x_1 0.1134 0.1968 0.3042 0.4426 0.5830 0.6634 0.7580 0.8362 0.9118

η /(mPa s) 0.516 0.587 0.681 0.813 0.981 1.052 1.157 1.246 1.335

$T/K = 308.15$ 91N1

x_1 0.1062 0.1754 0.2946 0.3839 0.4777 0.6010 0.6837 0.7683 0.8639

η /(mPa s) 0.493 0.548 0.649 0.729 0.813 0.938 1.026 1.115 1.219

1914	C₅H₅N (1) C₅H₁₁N (2)	pyridine piperidine							110-86-1 110-89-4
<i>T</i> /°C = 25.0									67F1
<i>x</i> ₂	0.0000	0.1490	0.2643	0.3743	0.5278	0.7646	0.8404	1.0000	
<i>η</i> /(mPa s)	0.899	0.935	0.941	0.995	1.036	1.120	1.150	1.310	
<i>T</i> /°C = 50.0									67F1
<i>x</i> ₂	0.0000	0.1490	0.2643	0.3743	0.5278	0.7646	0.8404	1.0000	
<i>η</i> /(mPa s)	0.610	0.638	0.657	0.666	0.716	0.780	0.744	0.820	
<i>T</i> /°C = 75.0									67F1
<i>x</i> ₂	0.0000	0.1490	0.2643	0.3743	0.5278	0.7646	0.8404	1.0000	
<i>η</i> /(mPa s)	0.492	0.473	0.485	0.491	0.514	0.552	0.523	0.567	
1915	C₅H₅N (1) C₆H₅Cl (2)	pyridine chlorobenzene							110-86-1 108-90-7
<i>T</i> /°C = 20.0									60T1
<i>x</i> ₁	0.00	0.20	0.40	0.60	0.80	1.00			
<i>η</i> /(mPa s)	0.793	0.828	0.861	0.893	0.924	0.953			
<i>T</i> /°C = 40.0									60T1
<i>x</i> ₁	0.00	0.20	0.40	0.60	0.80	1.00			
<i>η</i> /(mPa s)	0.632	0.652	0.671	0.690	0.707	0.724			
<i>T</i> /°C = 60.0									60T1
<i>x</i> ₁	0.00	0.20	0.40	0.60	0.80	1.00			
<i>η</i> /(mPa s)	0.517	0.529	0.541	0.552	0.563	0.573			
1916	C₅H₅N (1) C₆H₅ClO (2)	pyridine 2-chloro-phenol							110-86-1 95-57-8
<i>T</i> /°C = 0.0									16B1
<i>w</i> ₂	0.0000	0.1117	0.2162	0.3157	0.4231	0.5148	0.6015	0.6747	0.7251
<i>η</i> /(mPa s)	1.323	1.661	2.175	2.985	4.45	7.10	11.98	18.28	22.85
<i>w</i> ₂	0.7693	0.8106	0.8517	0.9251	1.0000				
<i>η</i> /(mPa s)	26.30	26.95	25.06	18.10	10.79				
<i>T</i> /°C = 10.0									16B1
<i>w</i> ₂	0.0000	0.1117	0.2162	0.3157	0.4231	0.5148	0.6015	0.6747	0.7251
<i>η</i> /(mPa s)	1.108	1.382	1.765	2.35	3.36	5.08	7.77	10.76	12.75
<i>w</i> ₂	0.7693	0.8106	0.8517	0.9251	1.0000				
<i>η</i> /(mPa s)	13.85	14.02	13.26	10.04	6.39				
<i>T</i> /°C = 20.0									16B1

w_2	0.0000	0.1117	0.2162	0.3157	0.4231	0.5148	0.6015	0.6747	0.7251
$\eta /(\text{mPa s})$	0.941	1.158	1.459	1.903	2.620	3.69	5.28	6.82	7.80
w_2	0.7693	0.8106	0.8517	0.9251	1.0000				
$\eta /(\text{mPa s})$	8.23	8.16	7.58	5.97	4.21				
$T / ^\circ\text{C} = 30.0$									16B1
w_2	0.0000	0.1117	0.2162	0.3157	0.4231	0.5148	0.6015	0.6747	0.7251
$\eta /(\text{mPa s})$	0.821	0.994	1.249	1.588	2.152	2.960	3.92	4.72	5.22
w_2	0.7693	0.8106	0.8517	0.9251	1.0000				
$\eta /(\text{mPa s})$	5.40	5.36	5.04	4.11	3.08				
$T / ^\circ\text{C} = 40.0$									16B1
w_2	0.0000	0.1117	0.2162	0.3157	0.4231	0.5148	0.6015	0.6747	0.7251
$\eta /(\text{mPa s})$	0.714	0.863	1.073	1.351	1.773	2.310	2.980	3.53	3.78
w_2	0.7693	0.8106	0.8517	0.9251	1.0000				
$\eta /(\text{mPa s})$	3.84	3.78	3.55	2.94	2.32				
$T / ^\circ\text{C} = 60.0$									16B1
w_2	0.0000	0.1117	0.2162	0.3157	0.4231	0.5148	0.6015	0.6747	0.7251
$\eta /(\text{mPa s})$	0.578	0.686	0.803	1.015	1.291	1.592	1.935	2.181	2.285
w_2	0.7693	0.8106	0.8517	0.9251	1.0000				
$\eta /(\text{mPa s})$	2.290	2.230	2.108	1.840	1.513				
$T / ^\circ\text{C} = 80.0$									16B1
w_2	0.0000	0.1117	0.2162	0.3157	0.4231	0.5148	0.6015	0.6747	0.7251
$\eta /(\text{mPa s})$	0.487	0.568	0.672	0.802	0.986	1.185	1.370	1.487	1.524
w_2	0.7693	0.8106	0.8517	0.9251	1.0000				
$\eta /(\text{mPa s})$	1.532	1.495	1.425	1.257	1.070				
$T / ^\circ\text{C} = 110.0$									16B1
w_2	0.0000	0.1117	0.2162	0.3157	0.4231	0.5148	0.6015	0.6747	0.7251
$\eta /(\text{mPa s})$	0.385	0.448	0.516	0.600	0.704	0.798	0.885	0.945	0.964
w_2	0.7693	0.8106	0.8517	0.9251	1.0000				
$\eta /(\text{mPa s})$	0.962	0.942	0.906	0.837	0.760				

1917	C₅H₅N (1)	pyridine								110-86-1
	C₆H₅NO₃ (2)	2-nitro-phenol								88-75-5
$T / ^\circ\text{C} = 30.0$									16B1	
w_2	0.0000	0.1132	0.2074	0.2758	0.3962	0.5225	0.6024	0.6832	0.7679	
$\eta /(\text{mPa s})$	0.821	0.943	1.081	1.211	1.500	1.881	2.150	2.450	2.755	
w_2	0.8696	0.9125	1.0000							
$\eta /(\text{mPa s})$	3.145	3.331	3.650							
$T / ^\circ\text{C} = 40.0$									16B1	
w_2	0.0000	0.1132	0.2074	0.2758	0.3962	0.5225	0.6024	0.6832	0.7679	

η /(mPa s)	0.714	0.815	0.930	1.030	1.245	1.510	1.711	1.912	2.145
w_2	0.8696	0.9125	1.0000						
η /(mPa s)	2.411	2.525	2.755						
T /°C = 60.0									16B1
w_2	0.0000	0.1132	0.2074	0.2758	0.3962	0.5225	0.6024	0.6832	0.7679
η /(mPa s)	0.578	0.647	0.719	0.786	0.925	1.092	1.212	1.325	1.460
w_2	0.8696	0.9125	1.0000						
η /(mPa s)	1.621	1.688	1.825						
T /°C = 80.0									16B1
w_2	0.0000	0.1132	0.2074	0.2758	0.3962	0.5225	0.6024	0.6832	0.7679
η /(mPa s)	0.487	0.539	0.590	0.635	0.724	0.836	0.911	0.992	1.080
w_2	0.8696	0.9125	1.0000						
η /(mPa s)	1.195	1.240	1.348						

1918	C₅H₅N (1) C₆H₆ (2)	pyridine benzene								110-86-1 71-43-2
T /°C = 20.0										65F4
x_1	0.0	0.2	0.5	0.8	1.0					
η /(mPa s)	0.646	0.709	0.798	0.895	0.954					
T /°C = 60.0										65F4
x_1	0.0	0.2	0.5	0.8	1.0					
η /(mPa s)	0.386	0.424	0.478	0.535	0.572					
T /°C = 20.0										56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
η /(mPa s)	0.954	0.893	0.832	0.770	0.709	0.646				
T /°C = 40.0										56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
η /(mPa s)	0.724	0.678	0.632	0.585	0.538	0.491				
T /°C = 60.0										56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
η /(mPa s)	0.572	0.535	0.498	0.461	0.424	0.386				

1919	C₅H₅N (1) C₆H₆O (2)	pyridine phenol								110-86-1 108-95-2
T /°C = 10.0										16B1
w_2	0.0000	0.1726	0.2601	0.3514	0.4548	0.5189	0.5846	0.6699	0.7681	
η /(mPa s)	1.108	1.594	2.050	2.675	3.76	5.05	6.80	9.88	14.16	
w_2	0.8286	0.9189	1.0000							

η /(mPa s)	16.44	18.80	20.10						
T /°C = 20.0									16B1
w_2	0.0000	0.0830	0.1612	0.2436	0.3258	0.3894	0.4713	0.5496	0.6381
η /(mPa s)	0.941	1.109	1.321	1.597	2.010	2.411	3.215	4.370	5.945
w_2	0.7049	0.7794	0.8517	0.9245	1.0000				
η /(mPa s)	7.48	9.07	10.04	10.72	11.04				
T /°C = 30.0									16B1
w_2	0.0000	0.0830	0.1612	0.2436	0.3258	0.3894	0.4713	0.5496	0.6381
η /(mPa s)	0.821	0.940	1.106	1.339	1.634	1.963	2.515	3.245	4.290
w_2	0.7049	0.7794	0.8517	0.9245	1.0000				
η /(mPa s)	5.170	6.040	6.625	6.915	7.09				
T /°C = 40.0									16B1
w_2	0.0000	0.0830	0.1612	0.2436	0.3258	0.3894	0.4713	0.5496	0.6381
η /(mPa s)	0.714	0.828	0.965	1.152	1.389	1.631	2.042	2.560	3.245
w_2	0.7049	0.7794	0.8517	0.9245	1.0000				
η /(mPa s)	3.80	4.305	4.59	4.705	4.74				
T /°C = 60.0									16B1
w_2	0.0000	0.0830	0.1612	0.2436	0.3258	0.3894	0.4713	0.5496	0.6381
η /(mPa s)	0.578	0.656	0.753	0.879	1.032	1.198	1.436	1.727	2.065
w_2	0.7049	0.7794	0.8517	0.9245	1.0000				
η /(mPa s)	2.300	2.500	2.590	2.590	2.52				
T /°C = 80.0									16B1
w_2	0.0000	0.0830	0.1612	0.2436	0.3258	0.3894	0.4713	0.5496	0.6381
η /(mPa s)	0.487	0.544	0.614	0.713	0.815	0.934	1.077	1.263	1.446
w_2	0.7049	0.7794	0.8517	0.9245	1.0000				
η /(mPa s)	1.580	1.655	1.670	1.650	1.580				
T /°C = 100.0									16B1
w_2	0.0000	0.0830	0.1612	0.2436	0.3258	0.3894	0.4713	0.5496	0.6381
η /(mPa s)	0.385	0.428	0.475	0.535	0.606	0.669	0.751	0.841	0.935
w_2	0.7049	0.7794	0.8517	0.9245	1.0000				
η /(mPa s)	0.988	1.013	1.012	0.985	0.941				

1920	C₅H₅N (1) C₆H₇N (2)	pyridine aniline							110-86-1 62-53-3
T /°C = 25.0									88S2
x_2	0.0780	0.1502	0.2243	0.2941	0.3823	0.4628	0.5431	0.6340	0.7144
η /(mPa s)	1.035	1.169	1.312	1.470	1.629	1.849	2.065	2.282	2.520
x_2	0.8034	0.8982	0.9578						
η /(mPa s)	2.794	3.180	3.394						

$T/^\circ\text{C} = 35.0$										88S2
x_2	0.0780	0.1502	0.2243	0.2941	0.3823	0.4628	0.5431	0.6340	0.7144	
$\eta/(\text{mPa s})$	0.879	0.977	1.088	1.206	1.318	1.471	1.618	1.772	1.936	
x_2	0.8034	0.8982	0.9578							
$\eta/(\text{mPa s})$	2.126	2.370	2.523							
$T/^\circ\text{C} = 45.0$										88S2
x_2	0.0780	0.2243	0.2941	0.3823	0.4628	0.5431	0.6340	0.7144		
$\eta/(\text{mPa s})$	0.752	0.916	0.999	1.087	1.196	1.304	1.411	1.526		
x_2	0.8034	0.8982	0.9578							
$\eta/(\text{mPa s})$	1.660	1.823	1.899							
1921	C₅H₅N (1) C₆H₉N (2)		pyridine 2,4-dimethyl-1H-pyrrole							110-86-1 625-82-1
$T/^\circ\text{C} = 20.0$										38D1
x_1	0.00	0.30	0.50	0.70	1.00					
$\eta/(\text{mPa s})$	3.565	2.565	1.816	1.358	0.946					
1922	C₅H₅N (1) C₆H₁₀O₃ (2)		pyridine 3-oxo-butyric acid ethyl ester							110-86-1 141-97-9
$T/^\circ\text{C} = 25.0$										09D1
x_2	0.0000	0.1711	0.2209	0.5100	0.7107	1.0000				
$\eta/(\text{mPa s})$	0.8805	0.9297	0.9918	1.0900	1.2330	1.5081				
1923	C₅H₅N (1) C₇H₅NS (2)		pyridine phenyl isothiocyanate							110-86-1 103-72-0
$T/^\circ\text{C} = 25.0$										48P2
x_1	0.00	0.17	0.30	0.407	0.506	0.603	0.697	0.824	0.898	
$\eta/(\text{mPa s})$	1.401	1.335	1.276	1.227	1.178	1.122	1.066	0.983	0.926	
x_1	1.00									
$\eta/(\text{mPa s})$	0.892									
1924	C₅H₅N (1) C₇H₆O₂ (2)		pyridine benzoic acid							110-86-1 65-85-0
$T/^\circ\text{C} = 110.0$										15B1
x_2	0.00	0.40	0.50	0.56	0.60	0.62	0.63	0.6667	0.69	
$\eta/(\text{mPa s})$	0.3665	0.8756	1.0516	1.2809	1.3388	1.3408	1.4359	1.5529	1.5052	
x_2	0.72	0.78	0.82	0.86						
$\eta/(\text{mPa s})$	1.4880	1.4844	1.4982	1.5039						

$T/^\circ\text{C} = 125.0$

15B1

x_2	0.40	0.50	0.56	0.60	0.62	0.63	0.6667	0.69	0.72
$\eta/(\text{mPa s})$	0.7091	0.8557	1.0097	1.0467	1.0424	1.1060	1.1538	1.1622	1.1139
x_2	0.78	0.82	0.86	0.92	1.00				
$\eta/(\text{mPa s})$	1.1420	1.1495	1.1734	1.1490	1.0533				

 $T/^\circ\text{C} = 140.0$

15B1

x_2	0.40	0.50	0.56	0.60	0.62	0.63	0.6667	0.69	0.72
$\eta/(\text{mPa s})$	0.6204	0.7075	0.8009	0.8556	0.8724	0.8869	0.9355	0.9505	0.8887
x_2	0.78	0.82	0.86	0.92	1.00				
$\eta/(\text{mPa s})$	0.9088	0.9085	0.9301	0.9232	0.8545				

1925 **C₅H₅N (1)**
C₇H₈ (2)**pyridine**
toluene**110-86-1**
108-88-3 $T/^\circ\text{C} = 90.0$

36B1

x_1	0.0000	0.0237	0.0360	0.0560	0.0815	0.0870	0.1292	0.1722	0.2558
$\eta/(\text{mPa s})$	0.2887	0.2908	0.2915	0.2917	0.2959	0.2960	0.2984	0.2998	0.3103
x_1	0.3216	0.3981	0.4752	0.5291	0.6710	0.7884	0.8946	1.0000	
$\eta/(\text{mPa s})$	0.3167	0.3267	0.3320	0.3414	0.3602	0.3742	0.3903	0.4079	

1926 **C₅H₅N (1)**
C₇H₈O (2)**pyridine**
2-methyl-phenol**110-86-1**
95-48-7 $T/^\circ\text{C} = 0.0$

16B1

w_2	0.0000	0.1205	0.2445	0.3360	0.4583	0.5591	0.6683	0.7773	0.8572
$\eta/(\text{mPa s})$	1.323	1.665	2.335	3.155	5.315	9.36	18.24	31.52	37.70
w_2	0.9182	1.0000							
$\eta/(\text{mPa s})$	39.25	39.70							

 $T/^\circ\text{C} = 10.0$

16B1

w_2	0.0000	0.1205	0.2445	0.3360	0.4583	0.5591	0.6683	0.7773	0.8572
$\eta/(\text{mPa s})$	1.108	1.396	1.900	2.49	3.91	6.31	10.68	16.14	18.11
w_2	0.9182	1.0000							
$\eta/(\text{mPa s})$	18.37	17.90							

 $T/^\circ\text{C} = 20.0$

16B1

w_2	0.0000	0.1205	0.2445	0.3360	0.4583	0.5591	0.6683	0.7773	0.8572
$\eta/(\text{mPa s})$	0.941	1.176	1.556	1.983	2.962	4.455	6.845	9.26	10.04
w_2	0.9182	1.0000							
$\eta/(\text{mPa s})$	10.01	9.56							

 $T/^\circ\text{C} = 30.0$

16B1

w_2	0.0000	0.1205	0.2445	0.3360	0.4583	0.5591	0.6683	0.7773	0.8572
$\eta/(\text{mPa s})$	0.821	1.022	1.350	1.724	2.560	3.621	4.935	6.230	6.565

w_2	0.9182	1.0000							
$\eta /(\text{mPa s})$	6.450	6.125							
$T / ^\circ\text{C} = 40.0$									
w_2	0.0000	0.1205	0.2445	0.3360	0.4583	0.5591	0.6683	0.7773	0.8572
$\eta /(\text{mPa s})$	0.714	0.886	1.148	1.436	2.045	2.750	3.575	4.290	4.415
w_2	0.9182	1.0000							
$\eta /(\text{mPa s})$	4.325	4.100							
$T / ^\circ\text{C} = 60.0$									
w_2	0.0000	0.1205	0.2445	0.3360	0.4583	0.5591	0.6683	0.7773	0.8572
$\eta /(\text{mPa s})$	0.578	0.703	0.889	1.069	1.425	1.784	2.181	2.460	2.460
w_2	0.9182	1.0000							
$\eta /(\text{mPa s})$	2.395	2.240							
$T / ^\circ\text{C} = 80.0$									
w_2	0.0000	0.1205	0.2445	0.3360	0.4583	0.5591	0.6683	0.7773	0.8572
$\eta /(\text{mPa s})$	0.487	0.577	0.720	0.852	1.060	1.263	1.467	1.586	1.573
w_2	0.9182	1.0000							
$\eta /(\text{mPa s})$	1.528	1.431							
$T / ^\circ\text{C} = 110.0$									
w_2	0.0000	0.1205	0.2445	0.3360	0.4583	0.5591	0.6683	0.7773	0.8572
$\eta /(\text{mPa s})$	0.385	0.451	0.543	0.615	0.732	0.834	0.945	0.980	0.962
w_2	0.9182	1.0000							
$\eta /(\text{mPa s})$	0.942	0.897							

1927	C₅H₅N (1)	C₇H₈O (2)	pyridine 3-methyl-phenol							110-86-1 108-39-4
$T / ^\circ\text{C} = 0.0$										
w_2	0.0000	0.1409	0.2745	0.4140	0.4692	0.5533	0.6180	0.7062	0.7590	
$\eta /(\text{mPa s})$	1.323	1.791	2.643	4.28	5.54	8.78	12.83	22.05	30.95	
w_2	0.8517	0.9141	1.0000							
$\eta /(\text{mPa s})$	50.0	64.2	84.4							
$T / ^\circ\text{C} = 10.0$										
w_2	0.0000	0.1409	0.2745	0.4140	0.4692	0.5533	0.6180	0.7062	0.7590	
$\eta /(\text{mPa s})$	1.108	1.466	2.105	3.250	4.015	5.935	8.04	12.85	16.64	
w_2	0.8517	0.9141	1.0000							
$\eta /(\text{mPa s})$	23.70	28.55	34.60							
$T / ^\circ\text{C} = 20.0$										
w_2	0.0000	0.1409	0.2745	0.4140	0.4692	0.5533	0.6180	0.7062	0.7590	
$\eta /(\text{mPa s})$	0.941	1.228	1.770	2.540	3.085	4.250	5.585	8.16	9.98	
w_2	0.8517	0.9141	1.0000							
$\eta /(\text{mPa s})$	13.08	14.81	16.90							

$T/^\circ\text{C} = 30.0$									16B1
w_2	0.0000	0.1409	0.2745	0.4140	0.4692	0.5533	0.6180	0.7062	0.7590
$\eta/(\text{mPa s})$	0.821	1.098	1.461	2.125	2.510	3.350	4.175	5.570	6.52
w_2	0.8517	0.9141	1.0000						
$\eta/(\text{mPa s})$	7.885	8.64	9.47						
$T/^\circ\text{C} = 40.0$									16B1
w_2	0.0000	0.1409	0.2745	0.4140	0.4692	0.5533	0.6180	0.7062	0.7590
$\eta/(\text{mPa s})$	0.714	0.931	1.240	1.732	2.022	2.605	3.150	3.995	4.565
w_2	0.8517	0.9141	1.0000						
$\eta/(\text{mPa s})$	5.255	5.590	5.925						
$T/^\circ\text{C} = 60.0$									16B1
w_2	0.0000	0.1409	0.2745	0.4140	0.4692	0.5533	0.6180	0.7062	0.7590
$\eta/(\text{mPa s})$	0.578	0.731	0.949	1.267	1.419	1.755	2.019	2.425	2.619
w_2	0.8517	0.9141	1.0000						
$\eta/(\text{mPa s})$	2.850	2.955	2.995						
$T/^\circ\text{C} = 80.0$									16B1
w_2	0.0000	0.1447	0.2675	0.3843	0.5072	0.6152	0.7094	0.8233	0.9088
$\eta/(\text{mPa s})$	0.487	0.599	0.731	0.901	1.147	1.407	1.629	1.820	1.848
w_2	1.0000								
$\eta/(\text{mPa s})$	1.808								
$T/^\circ\text{C} = 110.0$									16B1
w_2	0.0000	0.1447	0.2675	0.3843	0.5072	0.6152	0.7094	0.8233	0.9088
$\eta/(\text{mPa s})$	0.385	0.385	0.539	0.646	0.775	0.910	1.010	1.074	1.052
w_2	1.0000								
$\eta/(\text{mPa s})$	1.023								
1928	C₅H₅N (1)		pyridine						110-86-1
	C₇H₈O (2)		4-methyl-phenol						106-44-5
$T/^\circ\text{C} = 0.0$									16B1
w_2	0.0000	0.2103	0.2961	0.4004	0.4671	0.5446	0.6037	0.6782	0.7536
$\eta/(\text{mPa s})$	1.323	2.178	2.792	4.165	5.795	8.760	12.41	19.08	31.20
w_2	0.8328	0.9101	1.0000						
$\eta/(\text{mPa s})$	49.85	72.4	98.4						
$T/^\circ\text{C} = 10.0$									16B1
w_2	0.0000	0.2103	0.2961	0.4004	0.4671	0.5446	0.6037	0.6782	0.7536
$\eta/(\text{mPa s})$	1.108	1.837	2.251	3.175	4.205	5.99	7.87	11.40	16.75
w_2	0.8328	0.9101	1.0000						
$\eta/(\text{mPa s})$	23.95	31.13	39.65						
$T/^\circ\text{C} = 20.0$									16B1

w_2	0.0000	0.2103	0.2961	0.4004	0.4671	0.5446	0.6037	0.6782	0.7536
$\eta /(\text{mPa s})$	0.941	1.451	1.808	2.535	3.105	4.215	5.315	7.365	10.04
w_2	0.8328	0.9101	1.0000						
$\eta /(\text{mPa s})$	13.24	16.16	18.95						
$T / ^\circ\text{C} = 30.0$									16B1
w_2	0.0000	0.2103	0.2961	0.4004	0.4671	0.5446	0.6037	0.6782	0.7536
$\eta /(\text{mPa s})$	0.821	1.363	1.628	2.115	2.565	3.31	4.08	5.265	6.635
w_2	0.8328	0.9101	1.0000						
$\eta /(\text{mPa s})$	7.97	9.26	10.54						
$T / ^\circ\text{C} = 40.0$									16B1
w_2	0.0000	0.2103	0.2961	0.4004	0.4671	0.5446	0.6037	0.6782	0.7536
$\eta /(\text{mPa s})$	0.714	1.139	1.370	1.727	2.065	2.600	3.115	3.830	4.66
w_2	0.8328	0.9101	1.0000						
$\eta /(\text{mPa s})$	5.415	6.02	6.54						
$T / ^\circ\text{C} = 60.0$									16B1
w_2	0.0000	0.2103	0.2961	0.4004	0.4671	0.5446	0.6037	0.6782	0.7536
$\eta /(\text{mPa s})$	0.578	0.827	0.995	1.245	1.462	1.773	2.020	2.348	2.705
w_2	0.8328	0.9101	1.0000						
$\eta /(\text{mPa s})$	2.970	3.15	3.28						
$T / ^\circ\text{C} = 80.0$									16B1
w_2	0.0000	0.1406	0.2748	0.4110	0.5403	0.6311	0.7188	0.8172	0.8995
$\eta /(\text{mPa s})$	0.487	0.603	0.747	0.955	1.230	1.463	1.696	1.890	1.961
w_2	1.0000								
$\eta /(\text{mPa s})$	1.937								
$T / ^\circ\text{C} = 110.0$									16B1
w_2	0.0000	0.1406	0.2748	0.4110	0.5403	0.6311	0.7188	0.8172	0.8995
$\eta /(\text{mPa s})$	0.385	0.460	0.551	0.677	0.822	0.940	1.047	1.120	1.111
w_2	1.0000								
$\eta /(\text{mPa s})$	1.081								

1929	C₅H₅N (1)		pyridine						110-86-1
	C₇H₈O₂ (2)		2-methoxy-phenol						90-05-1
$T / ^\circ\text{C} = 30.0$									29P1
x_1	0.00	0.10	0.20	0.25	0.27	0.30	0.40	0.50	0.60
$\eta /(\text{mPa s})$	4.45	5.04	5.38	5.40	5.42	5.40	4.94	4.00	3.30
x_1	0.70	0.80	0.90	1.00					
$\eta /(\text{mPa s})$	2.07	1.48	1.09	0.826					

1930	C₅H₅N (1)		pyridine						110-86-1
	C₈H₁₁N (2)		N,N-dimethyl-aniline						121-69-7

$T/^\circ\text{C} = 25.0$									89S3
x_2	0.0000	0.0526	0.0704	0.1102	0.1803	0.2384	0.3086	0.3832	0.4626
$\eta/(\text{mPa s})$	0.892	0.918	0.924	0.933	0.961	0.983	1.013	1.042	1.069
x_2	0.4948	0.5094	0.5518	0.6116	0.6412	0.7550	0.8113	0.8644	1.0000
$\eta/(\text{mPa s})$	1.083	1.089	1.106	1.130	1.141	1.184	1.204	1.228	1.274
$T/^\circ\text{C} = 35.0$									89S3
x_2	0.0000	0.0526	0.0704	0.1102	0.1803	0.2384	0.3086	0.3832	0.4626
$\eta/(\text{mPa s})$	0.769	0.783	0.795	0.803	0.825	0.844	0.866	0.889	0.915
x_2	0.4948	0.5094	0.5518	0.6116	0.6412	0.7550	0.8113	0.8644	1.0000
$\eta/(\text{mPa s})$	0.924	0.931	0.943	0.965	0.970	1.004	1.018	1.039	1.079
$T/^\circ\text{C} = 45.0$									89S3
x_2	0.0000	0.0526	0.0704	0.1102	0.1803	0.2384	0.3086	0.3832	0.4626
$\eta/(\text{mPa s})$	0.661	0.682	0.689	0.697	0.716	0.731	0.747	0.766	0.786
x_2	0.4948	0.5094	0.5518	0.6116	0.6412	0.7550	0.8113	0.8644	1.0000
$\eta/(\text{mPa s})$	0.795	0.799	0.810	0.827	0.833	0.861	0.870	0.888	0.921

1931 **C₅H₅N (1)** **pyridine** **110-86-1**
C₈H₁₁N (2) **N-ethyl-aniline** **103-69-5**

$T/^\circ\text{C} = 0.0$									50K1
x_1	0.00	0.15	0.25	0.40	0.50	0.60	0.75	0.85	1.00
$\eta/(\text{mPa s})$	4.138	3.992	3.820	3.480	3.214	2.935	1.241	1.999	1.360
$T/^\circ\text{C} = 20.0$									50K1
x_1	0.00	0.15	0.25	0.40	0.50	0.60	0.75	0.85	1.00
$\eta/(\text{mPa s})$	2.170	2.118	2.030	1.869	1.742	1.611	1.379	1.219	0.968
$T/^\circ\text{C} = 70.0$									50K1
x_1	0.00	0.15	0.25	0.40	0.50	0.60	0.75	0.85	1.00
$\eta/(\text{mPa s})$	0.793	0.775	0.750	0.733	0.705	0.673	0.610	0.581	0.508

1932 **C₅H₅N (1)** **pyridine** **110-86-1**
C₈H₁₃N (2) **3-ethyl-2,4-dimethyl-1H-pyrrole** **517-22-6**

$T/^\circ\text{C} = 20.0$									38D1
x_1	0.00	0.30	0.50	0.70	1.00				
$\eta/(\text{mPa s})$	14.05	8.54	5.65	2.94	0.95				

1933 **C₅H₅N (1)** **pyridine** **110-86-1**
C₈H₁₄O₃ (2) **2-ethyl-3-oxo-butyric acid ethyl ester** **607-97-6**

$T/^\circ\text{C} = 25.0$									09D1
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x_2	0.0000	0.1270	0.4062	0.6399	0.8533	1.0000
$\eta / (\text{mPa s})$	0.8828	0.9352	1.101	1.268	1.491	1.679

1934	C₅H₅N (1)	pyridine	110-86-1
	C₈H₁₈ (2)	2,2,4-trimethyl-pentane	540-84-1

$T / ^\circ\text{C} = 90.0$ 36B1

x_1	0.0000	0.0238	0.0565	0.0741	0.1024	0.1281	0.1859	0.2386	0.3426
$\eta / (\text{mPa s})$	0.2456	0.2444	0.2469	0.2454	0.2468	0.2473	0.2508	0.2529	0.2596
x_1	0.4254	0.5028	0.5727	0.6402	0.7543	0.8518	0.9289	1.0000	
$\eta / (\text{mPa s})$	0.2683	0.2777	0.2882	0.2998	0.3257	0.3551	0.3769	0.4079	

1935	C₅H₅N (1)	pyridine	110-86-1
	C₁₀H₁₈O₃ (2)	2,2-diethyl-3-oxo-butyric acid ethyl ester	1619-57-4

$T / ^\circ\text{C} = 25.0$ 09D1

x_2	0.0000	0.0283	0.0691	0.2110	0.5083	1.0000
$\eta / (\text{mPa s})$	0.8805	0.8967	0.9225	1.015	1.348	2.793

1936	C₅H₅N (1)	pyridine	110-86-1
	C₁₂H₁₁N (2)	diphenylamine	122-39-4

$T / ^\circ\text{C} = 25.0$ 65F2

x_2	0.0000	0.1050	0.1697	0.2385	0.3453	0.4654	0.5423	0.5841	0.7566
$\eta / (\text{mPa s})$	0.896	1.45	1.94	2.59	3.94	7.78	8.75	9.81	14.18

$T / ^\circ\text{C} = 50.0$ 65F2

x_2	0.0000	0.1050	0.1697	0.2385	0.3453	0.4654	0.5423	0.5841	0.6882
$\eta / (\text{mPa s})$	0.639	0.950	1.19	1.70	2.02	2.86	3.30	3.58	4.24

x_2	0.7566	0.8413	1.0000
$\eta / (\text{mPa s})$	4.70	5.28	5.95

$T / ^\circ\text{C} = 75.0$ 65F2

x_2	0.0000	0.1050	0.1697	0.2385	0.3453	0.4654	0.5423	0.5841	0.6882
$\eta / (\text{mPa s})$	0.473	0.67	0.79	0.93	1.22	1.55	1.72	1.79	2.21

x_2	0.7566	0.8413	1.0000
$\eta / (\text{mPa s})$	2.23	2.49	2.69

1937	C₅H₅N (1)	pyridine	110-86-1
	C₁₂H₂₇BrSn (2)	bromo-tributyl-stannane	

$T / ^\circ\text{C} = 10.0$ 85N1

x_2	0.0000	0.0376	0.0676	0.1470	0.2507	0.2987	0.3475	0.4003	0.4404
$\eta / (\text{mPa s})$	1.14	1.48	1.82	3.26	6.65	8.98	12.06	15.18	17.58

x_2	0.4997	0.5185	0.5311	0.5481	0.6254	0.6748	0.7519	0.8124	0.9052
$\eta /(\text{mPa s})$	19.71	20.12	20.13	20.05	18.56	16.20	13.09	10.66	7.80
x_2	1.0000								
$\eta /(\text{mPa s})$	5.93								
$T / ^\circ\text{C} = 20.0$									85N1
x_2	0.0000	0.0376	0.0676	0.1470	0.2507	0.2987	0.3475	0.4003	0.4404
$\eta /(\text{mPa s})$	0.971	1.24	1.51	2.49	4.53	5.81	7.22	8.66	9.68
x_2	0.4997	0.5185	0.5311	0.5481	0.6254	0.6748	0.7519	0.8124	0.9052
$\eta /(\text{mPa s})$	10.43	10.52	10.54	10.43	10.03	9.16	7.86	6.78	5.42
x_2	1.0000								
$\eta /(\text{mPa s})$	4.37								
$T / ^\circ\text{C} = 40.0$									85N1
x_2	0.0000	0.0376	0.0676	0.1470	0.2507	0.2987	0.3475	0.4003	0.4404
$\eta /(\text{mPa s})$	0.728	0.920	1.05	1.54	2.36	2.77	3.21	3.53	3.75
x_2	0.4997	0.5185	0.5311	0.5481	0.6254	0.6748	0.7519	0.8124	0.9052
$\eta /(\text{mPa s})$	3.89	3.98	3.99	3.99	3.90	3.76	3.52	3.34	2.96
x_2	1.0000								
$\eta /(\text{mPa s})$	2.66								
1938	C₅H₅N (1)		pyridine						110-86-1
	C₁₂H₂₇ClSn (2)		chloro-tributyl-stannane						1461-22-9
$T / ^\circ\text{C} = 10.0$									85N1
x_2	0.0000	0.0500	0.1050	0.1525	0.2034	0.2438	0.3050	0.3916	0.4962
$\eta /(\text{mPa s})$	1.14	1.72	2.85	3.80	4.88	6.44	9.95	17.62	26.50
x_2	0.5120	0.5396	0.5947	0.6439	0.6883	0.7552	0.7833	0.8880	0.9333
$\eta /(\text{mPa s})$	27.15	28.23	27.54	26.40	23.25	18.95	17.06	11.53	8.74
x_2	1.0000								
$\eta /(\text{mPa s})$	6.35								
$T / ^\circ\text{C} = 20.0$									85N1
x_2	0.0000	0.0500	0.1050	0.1525	0.2034	0.2438	0.3050	0.3916	0.4962
$\eta /(\text{mPa s})$	0.971	1.30	2.00	2.60	3.47	4.36	5.15	10.04	13.92
x_2	0.5120	0.5396	0.5947	0.6439	0.6883	0.7552	0.7833	0.8880	0.9333
$\eta /(\text{mPa s})$	14.53	14.85	14.52	13.93	12.70	10.91	10.25	7.44	5.50
x_2	1.0000								
$\eta /(\text{mPa s})$	4.49								
$T / ^\circ\text{C} = 40.0$									85N1
x_2	0.0000	0.0500	0.1050	0.1525	0.2034	0.2438	0.3050	0.3916	0.4962
$\eta /(\text{mPa s})$	0.728	0.850	1.05	1.40	2.00	2.37	3.40	4.12	5.09
x_2	0.5120	0.5396	0.5947	0.6439	0.6883	0.7552	0.7833	0.8880	0.9333
$\eta /(\text{mPa s})$	5.14	5.25	5.33	5.22	4.96	4.75	4.59	3.82	3.32

x_2 1.0000
 η /(mPa s) 2.61

1939 **C₅H₅N (1)** **pyridine** **110-86-1**
 C₂₀H₄₀O₂ (2) **octadecanoic acid ethyl ester** **111-61-5**

T /°C = 40.0 61T2

x_2 0.0 0.25 0.50 0.75 1.00
 η /(mPa s) 0.73 1.91 3.08 4.23 5.34

T /°C = 60.0 61T2

x_2 0.0 0.25 0.50 0.75 1.00
 η /(mPa s) 0.58 1.39 2.13 2.82 3.45

1940 **C₅H₅N (1)** **pyridine** **110-86-1**
 C₂₆H₅₀O₄ (2) **hexanedioic acid didecyl ester** **105-97-5**

T /°C = 40.0 67V1

x_2 0.0 0.20 0.40 0.60 0.80 1.00
 η /(mPa s) 0.71 2.44 4.52 6.73 8.78 10.12

T /°C = 60.0 67V1

x_2 0.0 0.20 0.40 0.60 0.80 1.00
 η /(mPa s) 0.56 1.73 3.02 4.25 5.29 6.01

1941 **C₅H₈O (1)** **cyclopentanone** **120-92-3**
 C₅H₁₂O (2) **pentan-1-ol** **71-41-0**

T /°C = 30.0 77R1

x_1 0.0000 0.0989 0.2598 0.4202 0.5803 0.7374 0.9009 1.0000
 η /(mPa s) 3.012 2.258 1.682 1.353 1.179 1.057 0.980 0.989

1942 **C₅H₈O (1)** **cyclopentanone** **120-92-3**
 C₆H₁₄O (2) **hexan-1-ol** **111-27-3**

T /°C = 30.0 77R1

x_1 0.0000 0.0985 0.2605 0.4224 0.5807 0.7406 0.9025 1.0000
 η /(mPa s) 3.818 2.896 2.093 1.641 1.333 1.132 1.016 0.989

1943 **C₅H₈O₂ (1)** **2-methyl-acrylic acid methyl ester** **80-62-6**
 C₅H₁₂O (2) **pentan-1-ol** **71-41-0**

T /K = 303.15 96S2

x_1 0.0000 0.0640 0.1004 0.2050 0.3064 0.4048 0.5055 0.6025 0.7015
 η /(mPa s) 3.0300 2.4880 2.2762 1.7667 1.3785 1.0804 0.8506 0.7022 0.6218

x_1	0.8045	0.9024	0.9502	1.0000
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η /(mPa s)	0.5974	0.5911	0.5746	0.5290
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$T/K = 313.15$

96S2

x_1	0.0000	0.0640	0.1004	0.2050	0.3064	0.4048	0.5055	0.6025	0.7015
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η /(mPa s)	2.3400	1.9321	1.7415	1.3225	1.0505	0.8697	0.7398	0.6491	0.5800
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x_1	0.8045	0.9024	0.9502	1.0000
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η /(mPa s)	0.5256	0.4844	0.4659	0.4530
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1944 **C₅H₈O₂ (1)** **pentane-2,4-dione** **123-54-6**
C₅H₁₂O (2) **3-methyl-butan-1-ol** **123-51-3**

$T/^\circ\text{C} = 30.0$

94R4

x_1	0.0	0.1	0.2	0.4	0.6	0.8	0.9	1.0
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η /(mPa s)	2.907	2.197	1.944	1.420	0.994	0.739	0.711	0.702
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1945 **C₅H₈O₂ (1)** **2-methyl-acrylic acid methyl ester** **80-62-6**
C₆H₄Cl₂ (2) **1,2-dichloro-benzene** **95-50-1**

$T/K = 303.15$

96S1

x_1	0.0000	0.0456	0.1114	0.2108	0.3166	0.4149	0.5164	0.6158	0.7159
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η /(mPa s)	1.1927	1.1539	1.1048	1.0334	0.9620	0.8968	0.8304	0.7650	0.7008
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x_1	0.8092	0.9032	0.9643	1.0000
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η /(mPa s)	0.6427	0.5854	0.5478	0.5291
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1946 **C₅H₈O₂ (1)** **2-methyl-acrylic acid methyl ester** **80-62-6**
C₆H₅Cl (2) **chlorobenzene** **108-90-7**

$T/K = 303.15$

96S1

x_1	0.0000	0.0420	0.1051	0.2049	0.3078	0.4086	0.5093	0.6099	0.7062
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η /(mPa s)	0.7180	0.7035	0.6844	0.6606	0.6397	0.6202	0.6033	0.5871	0.5726
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x_1	0.8044	0.9058	0.9646	1.0000
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η /(mPa s)	0.5570	0.5439	0.5353	0.5291
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1947 **C₅H₈O₂ (1)** **pentane-2,4-dione** **123-54-6**
C₆H₆ (2) **benzene** **71-43-2**

$T/^\circ\text{C} = 30.0$

94R4

x_1	0.0	0.1	0.2	0.4	0.6	0.8	0.9	1.0
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η /(mPa s)	0.568	0.585	0.605	0.646	0.667	0.687	0.695	0.702
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1948 **C₅H₈O₂ (1)** **2-methyl-acrylic acid methyl ester** **80-62-6**
C₆H₁₄ (2) **hexane** **110-54-3**

<i>T</i> /K = 303.15										96S1
<i>x</i> ₁	0.0000	0.0731	0.1732	0.2754	0.3520	0.4652	0.5482	0.6519	0.7277	
<i>η</i> /(mPa s)	0.2830	0.2928	0.3100	0.3313	0.3464	0.3723	0.3928	0.4421	0.4538	
<i>x</i> ₁	0.8399	0.9177	0.9791	1.0000						
<i>η</i> /(mPa s)	0.4698	0.4973	0.5223	0.5291						

1949 **C₅H₈O₂ (1)** **2-methyl-acrylic acid methyl ester** **80-62-6**
C₆H₁₄O (2) **hexan-1-ol** **111-27-3**

<i>T</i> /K = 303.15										96S2
<i>x</i> ₁	0.0000	0.0500	0.1245	0.2845	0.3610	0.4430	0.5450	0.6314	0.7340	
<i>η</i> /(mPa s)	3.8050	3.4409	2.5430	1.6626	1.4035	1.1509	0.9202	0.7875	0.6902	
<i>x</i> ₁	0.8318	0.9240	0.9505	1.0000						
<i>η</i> /(mPa s)	0.6388	0.6028	0.5905	0.5290						
<i>T</i> /K = 313.15										96S2
<i>x</i> ₁	0.0000	0.0500	0.1245	0.2845	0.3610	0.4430	0.5450	0.6314	0.7340	
<i>η</i> /(mPa s)	2.8500	2.3054	1.8263	1.1904	1.0076	0.8650	0.7400	0.6649	0.5984	
<i>x</i> ₁	0.8318	0.9240	0.9505	1.0000						
<i>η</i> /(mPa s)	0.5434	0.4805	0.4669	0.4530						

1950 **C₅H₈O₂ (1)** **2-methyl-acrylic acid methyl ester** **80-62-6**
C₇H₁₆ (2) **heptane** **142-82-5**

<i>T</i> /K = 303.15										96S1
<i>x</i> ₁	0.0000	0.0240	0.1404	0.2282	0.3569	0.4738	0.5583	0.6194	0.7088	
<i>η</i> /(mPa s)	0.3760	0.3740	0.3872	0.3797	0.4135	0.4303	0.4437	0.4539	0.4695	
<i>x</i> ₁	0.8160	0.9094	0.9991	1.0000						
<i>η</i> /(mPa s)	0.4891	0.5081	0.5273	0.5291						

1951 **C₅H₈O₂ (1)** **prop-2-enoic acid ethyl ester** **140-88-5**
C₇H₁₆O (2) **heptan-1-ol** **111-70-6**

<i>T</i> /K = 298.15										97S2
<i>x</i> ₁	0.0000	0.0736	0.1906	0.2456	0.3599	0.4687	0.6637	0.7551	0.8399	
<i>η</i> /(mPa s)	5.770	4.585	3.017	2.513	1.864	1.399	0.923	0.778	0.655	
<i>x</i> ₁	0.9223	0.9662	1.0000							
<i>η</i> /(mPa s)	0.576	0.534	0.5177							
<i>T</i> /K = 308.15										97S2
<i>x</i> ₁	0.0000	0.0736	0.1906	0.2456	0.3599	0.4687	0.6637	0.7551	0.8399	
<i>η</i> /(mPa s)	4.263	3.306	2.411	2.010	1.531	1.180	0.778	0.658	0.564	
<i>x</i> ₁	0.9223	0.9662	1.0000							

η /(mPa s)	0.505	0.471	0.4559						
1952	C₅H₈O₂ (1) C₈H₁₈O (2)	prop-2-enoic acid ethyl ester octan-1-ol							140-88-5 111-87-5
$T/K = 298.15$									97S2
x_1	0.0000	0.0771	0.2017	0.2664	0.3869	0.4933	0.6865	0.7722	0.8504
η /(mPa s)	7.363	5.444	3.576	2.914	2.043	1.543	0.960	0.785	0.681
x_1	0.9275	0.9634	1.0000						
η /(mPa s)	0.582	0.546	0.5177						
$T/K = 308.15$									97S2
x_1	0.0000	0.0771	0.2017	0.2664	0.3869	0.4933	0.6865	0.7722	0.8504
η /(mPa s)	5.250	4.096	2.812	2.301	1.663	1.268	0.825	0.678	0.586
x_1	0.9275	0.9634	1.0000						
η /(mPa s)	0.507	0.478	0.4559						
1953	C₅H₈O₂ (1) C₁₀H₂₂O (2)	prop-2-enoic acid ethyl ester decan-1-ol							140-88-5 112-30-1
$T/K = 298.15$									97S2
x_1	0.0000	0.0861	0.2350	0.3020	0.4261	0.5383	0.7248	0.8036	0.8763
η /(mPa s)	11.790	8.526	5.017	3.969	2.618	1.895	1.076	0.860	0.702
x_1	0.9389	0.9688	1.0000						
η /(mPa s)	0.602	0.563	0.5177						
$T/K = 308.15$									97S2
x_1	0.0000	0.0861	0.2350	0.3020	0.4261	0.5383	0.7248	0.8036	0.8763
η /(mPa s)	8.1241	6.006	3.812	3.085	2.104	1.515	0.898	0.730	0.660
x_1	0.9389	0.9688	1.0000						
η /(mPa s)	0.525	0.497	0.4559						
1954	C₅H₈O₂ (1) C₁₂H₂₆O (2)	prop-2-enoic acid ethyl ester dodecan-1-ol							140-88-5 112-53-8
$T/K = 298.15$									97S2
x_1	0.0000	0.0932	0.2669	0.3351	0.4687	0.5769	0.7542	0.8231	0.8907
η /(mPa s)	16.1355	11.284	6.404	5.497	3.183	2.253	1.192	0.963	0.740
x_1	0.9643	0.9743	1.0000						
η /(mPa s)	0.584	0.565	0.5177						
$T/K = 308.15$									97S2
x_1	0.0000	0.0932	0.2669	0.3351	0.4687	0.5769	0.7542	0.8231	0.8907
η /(mPa s)	11.3153	10.083	4.772	4.182	2.515	1.748	0.997	0.792	0.633

x_1	0.9643	0.9743	1.0000
$\eta /(\text{mPa s})$	0.512	0.497	0.4559

1955	C₅H₈O₂ (1)		pentane-2,4-dione						123-54-6
	C₁₂H₂₇O₄P (2)		phosphoric acid tributyl ester						126-73-8
$T / ^\circ\text{C} = 25.0$									94R5
x_2	0.000	0.102	0.200	0.400	0.600	0.805	0.900	1.000	
$\eta /(\text{mPa s})$	0.737	0.942	1.161	1.614	2.120	2.617	2.845	3.092	
$T / ^\circ\text{C} = 30.0$									94R5
x_2	0.000	0.102	0.200	0.400	0.600	0.805	0.900	1.000	
$\eta /(\text{mPa s})$	0.702	0.887	1.078	1.495	1.934	2.387	2.596	2.816	
$T / ^\circ\text{C} = 35.0$									94R5
x_2	0.000	0.102	0.200	0.400	0.600	0.805	0.900	1.000	
$\eta /(\text{mPa s})$	0.679	0.831	0.998	1.366	1.751	2.146	2.342	2.517	
$T / ^\circ\text{C} = 40.0$									94R5
x_2	0.000	0.102	0.200	0.400	0.600	0.805	0.900	1.000	
$\eta /(\text{mPa s})$	0.658	0.791	0.936	1.216	1.603	1.956	2.113	2.283	
$T / ^\circ\text{C} = 45.0$									94R5
x_2	0.000	0.102	0.200	0.400	0.600	0.805	0.900	1.000	
$\eta /(\text{mPa s})$	0.633	0.761	0.893	1.186	1.497	1.818	1.960	2.116	

1956	C₅H₈O₃ (1)		3-oxo-butyric acid methyl ester						105-45-3
	C₅H₁₂O (2)		pentan-1-ol						71-41-0
$T / \text{K} = 298.15$									93A1
x_1	0.0000	0.1031	0.2056	0.3072	0.4083	0.5091	0.6099	0.7075	0.8063
$\eta /(\text{mPa s})$	3.286	2.467	2.053	1.796	1.637	1.520	1.439	1.408	1.408
x_1	0.9019	1.0000							
$\eta /(\text{mPa s})$	1.449	1.564							
$T / \text{K} = 303.15$									93A1
x_1	0.0000	0.1031	0.2056	0.3072	0.4083	0.5091	0.6099	0.7075	0.8063
$\eta /(\text{mPa s})$	2.833	2.156	1.809	1.588	1.453	1.356	1.294	1.268	1.275
x_1	0.9019	1.0000							
$\eta /(\text{mPa s})$	1.313	1.421							
$T / \text{K} = 308.15$									93A1
x_1	0.0000	0.1031	0.2056	0.3072	0.4083	0.5091	0.6099	0.7075	0.8063
$\eta /(\text{mPa s})$	2.441	1.903	1.606	1.419	1.300	1.223	1.175	1.156	1.164
x_1	0.9019	1.0000							
$\eta /(\text{mPa s})$	1.201	1.298							

1957	C₅H₈O₃ (1) C₆H₆ (2)	3-oxo-butyric acid methyl ester benzene							105-45-3 71-43-2
<i>T</i> /K = 298.15									93A7
<i>x</i> ₁	0.0000	0.1012	0.2031	0.3062	0.4047	0.4823	0.6061	0.7035	0.8031
<i>η</i> /(mPa s)	0.602	0.644	0.697	0.765	0.840	0.900	1.024	1.129	1.253
<i>x</i> ₁	0.9017	1.0000							
<i>η</i> /(mPa s)	1.389	1.564							
<i>T</i> /K = 303.15									93A7
<i>x</i> ₁	0.0000	0.1012	0.2031	0.3062	0.4047	0.4823	0.6061	0.7035	0.8031
<i>η</i> /(mPa s)	0.561	0.598	0.648	0.710	0.775	0.832	0.943	1.035	1.145
<i>x</i> ₁	0.9017	1.0000							
<i>η</i> /(mPa s)	1.269	1.420							
<i>T</i> /K = 308.15									93A7
<i>x</i> ₁	0.0000	0.1012	0.2031	0.3062	0.4047	0.4823	0.6061	0.7035	0.8031
<i>η</i> /(mPa s)	0.525	0.559	0.605	0.662	0.722	0.773	0.872	0.956	1.055
<i>x</i> ₁	0.9017	1.0000							
<i>η</i> /(mPa s)	1.162	1.297							
1958	C₅H₈O₃ (1) C₆H₁₂O₂ (2)	3-oxo-butyric acid methyl ester acetic acid butyl ester							105-45-3 123-86-4
<i>T</i> /K = 298.15									93A6
<i>x</i> ₁	0.0000	0.1019	0.2013	0.3015	0.4035	0.5006	0.6004	0.7005	0.8087
<i>η</i> /(mPa s)	0.673	0.719	0.768	0.826	0.895	0.969	1.055	1.163	1.289
<i>x</i> ₁	0.8989	1.0000							
<i>η</i> /(mPa s)	1.407	1.568							
<i>T</i> /K = 303.15									93A6
<i>x</i> ₁	0.0000	0.1019	0.2013	0.3015	0.4035	0.5006	0.6004	0.7005	0.8087
<i>η</i> /(mPa s)	0.630	0.672	0.716	0.768	0.830	0.896	0.973	1.068	1.181
<i>x</i> ₁	0.8989	1.0000							
<i>η</i> /(mPa s)	1.284	1.427							
<i>T</i> /K = 308.15									93A6
<i>x</i> ₁	0.0000	0.1019	0.2013	0.3015	0.4035	0.5006	0.6004	0.7005	0.8087
<i>η</i> /(mPa s)	0.592	0.629	0.669	0.717	0.774	0.832	0.901	0.987	1.085
<i>x</i> ₁	0.8989	1.0000							
<i>η</i> /(mPa s)	1.179	1.304							
1959	C₅H₈O₃ (1) C₆H₁₄O (2)	3-oxo-butyric acid methyl ester hexan-1-ol							105-45-3 111-27-3

$T/K = 298.15$										93A1
x_1	0.0000	0.1036	0.2040	0.3064	0.4075	0.5096	0.6081	0.7063	0.8060	
$\eta /(\text{mPa s})$	4.317	3.185	2.588	2.204	1.947	1.749	1.609	1.521	1.473	
x_1	0.9023	1.0000								
$\eta /(\text{mPa s})$	1.478	1.564								
$T/K = 303.15$										93A1
x_1	0.0000	0.1036	0.2040	0.3064	0.4075	0.5096	0.6081	0.7063	0.8060	
$\eta /(\text{mPa s})$	3.670	2.760	2.257	1.932	1.720	1.547	1.442	1.364	1.330	
x_1	0.9023	1.0000								
$\eta /(\text{mPa s})$	1.340	1.421								
$T/K = 308.15$										93A1
x_1	0.0000	0.1036	0.2040	0.3064	0.4075	0.5096	0.6081	0.7063	0.8060	
$\eta /(\text{mPa s})$	3.130	2.409	1.989	1.711	1.527	1.387	1.302	1.238	1.211	
x_1	0.9023	1.0000								
$\eta /(\text{mPa s})$	1.222	1.298								

1960	C₅H₈O₃ (1) C₇H₈ (2)	3-oxo-butylric acid methyl ester toluene								105-45-3 108-88-3
$T/K = 298.15$										93A7
x_1	0.0000	0.1013	0.2020	0.3015	0.4039	0.5028	0.6030	0.7017	0.8033	
$\eta /(\text{mPa s})$	0.552	0.596	0.652	0.714	0.791	0.877	0.977	1.093	1.225	
x_1	0.9011	1.0000								
$\eta /(\text{mPa s})$	1.382	1.564								
$T/K = 303.15$										93A7
x_1	0.0000	0.1013	0.2020	0.3015	0.4039	0.5028	0.6030	0.7017	0.8033	
$\eta /(\text{mPa s})$	0.520	0.560	0.610	0.667	0.736	0.812	0.903	1.003	1.122	
x_1	0.9011	1.0000								
$\eta /(\text{mPa s})$	1.260	1.420								
$T/K = 308.15$										93A7
x_1	0.0000	0.1013	0.2020	0.3015	0.4039	0.5028	0.6030	0.7017	0.8033	
$\eta /(\text{mPa s})$	0.493	0.529	0.574	0.626	0.688	0.759	0.837	0.929	1.020	
x_1	0.9011	1.0000								
$\eta /(\text{mPa s})$	1.156	1.297								

1961	C₅H₈O₃ (1) C₇H₈O (2)	3-oxo-butylric acid methyl ester methoxybenzene								105-45-3 100-66-3
$T/K = 298.15$										93A7
x_1	0.0000	0.0999	0.2006	0.3023	0.4114	0.5058	0.6042	0.7035	0.8030	
$\eta /(\text{mPa s})$	0.990	1.015	1.043	1.084	1.133	1.184	1.241	1.304	1.378	

x_1	0.9025	1.0000							
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$\eta /(\text{mPa s})$	1.465	1.564							
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$T/\text{K} = 303.15$									93A7
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x_1	0.0000	0.0999	0.2006	0.3023	0.4114	0.5058	0.6042	0.7035	0.8030
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$\eta /(\text{mPa s})$	0.916	0.936	0.963	0.999	1.042	1.087	1.136	1.191	1.255
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x_1	0.9025	1.0000							
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$\eta /(\text{mPa s})$	1.329	1.420							
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$T/\text{K} = 308.15$									93A7
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x_1	0.0000	0.0999	0.2006	0.3023	0.4114	0.5058	0.6042	0.7035	0.8030
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$\eta /(\text{mPa s})$	0.853	0.871	0.894	0.926	0.964	1.004	1.047	1.097	1.154
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x_1	0.9025	1.0000							
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$\eta /(\text{mPa s})$	1.215	1.297							
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1962	C₅H₈O₃ (1)		3-oxo-butyrac acid methyl ester						105-45-3
	C₇H₁₆O (2)		heptan-1-ol						111-70-6

$T/\text{K} = 298.15$									93A1
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x_1	0.0000	0.1016	0.2071	0.3081	0.4096	0.5099	0.6072	0.7071	0.8059
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$\eta /(\text{mPa s})$	5.690	4.066	3.167	2.651	2.278	2.012	1.842	1.663	1.546
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x_1	0.9033	1.0000							
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$\eta /(\text{mPa s})$	1.512	1.566							
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$T/\text{K} = 303.15$									93A1
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x_1	0.0000	0.1016	0.2071	0.3081	0.4096	0.5099	0.6072	0.7071	0.8059
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$\eta /(\text{mPa s})$	4.771	3.465	2.734	2.298	1.981	1.754	1.624	1.485	1.393
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x_1	0.9033	1.0000							
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$\eta /(\text{mPa s})$	1.366	1.422							
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$T/\text{K} = 308.15$									93A1
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x_1	0.0000	0.1016	0.2071	0.3081	0.4096	0.5099	0.6072	0.7071	0.8059
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$\eta /(\text{mPa s})$	4.002	2.970	2.357	1.998	1.733	1.545	1.452	1.337	1.264
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x_1	0.9033	1.0000							
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$\eta /(\text{mPa s})$	1.245	1.298							
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1963	C₅H₈O₃ (1)		3-oxo-butyrac acid methyl ester						105-45-3
	C₈H₈O₂ (2)		benzoic acid methyl ester						93-58-3

$T/\text{K} = 298.15$									93A6
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x_1	0.0000	0.0981	0.1935	0.2966	0.4001	0.4987	0.5986	0.6984	0.7980
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$\eta /(\text{mPa s})$	1.825	1.775	1.732	1.703	1.667	1.639	1.615	1.598	1.583
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x_1	0.8977	1.0000							
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$\eta /(\text{mPa s})$	1.569	1.568							
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$T/\text{K} = 303.15$									93A6
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x_1	0.0000	0.0981	0.1935	0.2966	0.4001	0.4987	0.5986	0.6984	0.7980
η /(mPa s)	1.656	1.609	1.573	1.548	1.515	1.490	1.469	1.453	1.440
x_1	0.8977	1.0000							
η /(mPa s)	1.429	1.427							
T /K = 308.15									93A6
x_1	0.0000	0.0981	0.1935	0.2966	0.4001	0.4987	0.5986	0.6984	0.7980
η /(mPa s)	1.510	1.467	1.435	1.413	1.382	1.362	1.343	1.329	1.316
x_1	0.8977	1.0000							
η /(mPa s)	1.306	1.304							

1964	C₅H₈O₃ (1) C₈H₁₀ (2)	3-oxo-butyric acid methyl ester 1,3-dimethyl-benzene							105-45-3 108-38-3
T /K = 298.15									93A7
x_1	0.0000	0.1015	0.2025	0.3051	0.4043	0.5042	0.6040	0.7040	0.8015
η /(mPa s)	0.580	0.619	0.671	0.731	0.803	0.885	0.982	1.092	1.223
x_1	0.9424	1.0000							
η /(mPa s)	1.445	1.564							
T /K = 303.15									93A7
x_1	0.0000	0.1015	0.2025	0.3051	0.4043	0.5042	0.6040	0.7040	0.8015
η /(mPa s)	0.548	0.582	0.628	0.682	0.747	0.821	0.905	1.005	1.117
x_1	0.9424	1.0000							
η /(mPa s)	1.315	1.420							
T /K = 308.15									93A7
x_1	0.0000	0.1015	0.2025	0.3051	0.4043	0.5042	0.6040	0.7040	0.8015
η /(mPa s)	0.519	0.550	0.591	0.640	0.701	0.765	0.842	0.930	1.030
x_1	0.9424	1.0000							
η /(mPa s)	1.205	1.297							

1965	C₅H₈O₃ (1) C₈H₁₈O (2)	3-oxo-butyric acid methyl ester octan-2-ol							105-45-3 123-96-6
T /K = 298.15									93A1
x_1	0.0000	0.1041	0.2072	0.3091	0.4101	0.5107	0.6079	0.7081	0.8070
η /(mPa s)	5.929	4.231	3.315	2.753	2.358	2.075	1.900	1.699	1.574
x_1	0.9036	1.0000							
η /(mPa s)	1.520	1.566							
T /K = 303.15									93A1
x_1	0.0000	0.1041	0.2072	0.3091	0.4101	0.5107	0.6079	0.7081	0.8070
η /(mPa s)	4.794	3.511	2.796	2.344	2.026	1.796	1.661	1.506	1.413
x_1	0.9036	1.0000							

η /(mPa s)	1.374	1.422							
T /K = 308.15									93A1
x_1	0.0000	0.1041	0.2072	0.3091	0.4101	0.5107	0.6079	0.7081	0.8070
η /(mPa s)	3.909	2.939	2.377	2.015	1.756	1.567	1.476	1.352	1.279
x_1	0.9036	1.0000							
η /(mPa s)	1.251	1.298							
1966	C₅H₈O₃ (1) C₉H₁₀O₂ (2)		3-oxo-butyric acid methyl ester benzoic acid ethyl ester						105-45-3 93-89-0
T /K = 298.15									93A6
x_1	0.0000	0.0992	0.2023	0.3004	0.3990	0.4991	0.5978	0.6966	0.7979
η /(mPa s)	1.954	1.834	1.796	1.757	1.729	1.700	1.653	1.633	1.598
x_1	0.8986	1.0000							
η /(mPa s)	1.583	1.568							
T /K = 303.15									93A6
x_1	0.0000	0.0992	0.2023	0.3004	0.3990	0.4991	0.5978	0.6966	0.7979
η /(mPa s)	1.770	1.661	1.627	1.593	1.571	1.543	1.501	1.484	1.452
x_1	0.8986	1.0000							
η /(mPa s)	1.440	1.427							
T /K = 308.15									93A6
x_1	0.0000	0.0992	0.2023	0.3004	0.3990	0.4991	0.5978	0.6966	0.7979
η /(mPa s)	1.610	1.514	1.484	1.453	1.434	1.408	1.373	1.356	1.328
x_1	0.8986	1.0000							
η /(mPa s)	1.316	1.304							
1967	C₅H₈O₃ (1) C₉H₁₂ (2)		3-oxo-butyric acid methyl ester 1,3,5-trimethyl-benzene						105-45-3 108-67-8
T /K = 298.15									93A7
x_1	0.0000	0.1004	0.2038	0.3043	0.4037	0.5057	0.6058	0.7042	0.8029
η /(mPa s)	0.656	0.683	0.728	0.785	0.854	0.930	1.017	1.118	1.236
x_1	0.9020	1.0000							
η /(mPa s)	1.377	1.564							
T /K = 303.15									93A7
x_1	0.0000	0.1004	0.2038	0.3043	0.4037	0.5057	0.6058	0.7042	0.8029
η /(mPa s)	0.616	0.639	0.679	0.731	0.789	0.859	0.937	1.026	1.128
x_1	0.9020	1.0000							
η /(mPa s)	1.254	1.420							
T /K = 308.15									93A7
x_1	0.0000	0.1004	0.2038	0.3043	0.4037	0.5057	0.6058	0.7042	0.8029

η /(mPa s)	0.581	0.601	0.636	0.682	0.735	0.797	0.867	0.948	1.041
x_1	0.9020	1.0000							
η /(mPa s)	1.152	1.297							
1968	C₅H₉BrO₂ (1) C₆H₁₄ (2)		(±)-2-bromo-propionic acid ethyl ester hexane						41978-69-2 110-54-3
$T/K = 303.15$									9201
x_1	0.0000	0.1996	0.4039	0.5022	0.5991	0.7961	1.0000		
η /(mPa s)	0.2859	0.3720	0.5117	0.5973	0.7048	1.0118	1.4931		
1969	C₅H₉BrO₂ (1) C₆H₁₄ (2)		3-bromo-propionic acid ethyl ester hexane						539-74-2 110-54-3
$T/K = 303.15$									9201
x_1	0.0000	0.2142	0.4043	0.5019	0.6029	0.8046	1.0000		
η /(mPa s)	0.2859	0.3919	0.5500	0.6740	0.8315	1.2634	1.8673		
1970	C₅H₉NO₂ (1) C₆H₆ (2)		4-formyl-morpholine benzene						4394-85-8 71-43-2
$T/K = 298.15$									85A1
x_2	0.00000	0.03787	0.07912	0.13087	0.22005	0.34826	0.43143	0.55264	
η /(mPa s)	7.613	6.858	6.137	5.329	4.199	2.992	2.381	1.734	
x_2	0.63515	0.71763	0.75359	0.82996	0.89398	0.95058	1.00000		
η /(mPa s)	1.413	1.157	1.058	0.880	0.767	0.671	0.601		
1971	C₅H₉NO₂ (1) C₇H₈ (2)		4-formyl-morpholine toluene						4394-85-8 108-88-3
$T/K = 298.15$									85A1
x_2	0.00000	0.01784	0.06829	0.18812	0.26752	0.34660	0.42465	0.50944	
η /(mPa s)	7.613	7.177	6.102	4.224	3.336	2.653	2.155	1.701	
x_2	0.59556	0.68494	0.77224	0.84794	0.91783	1.00000			
η /(mPa s)	1.359	1.099	0.879	0.759	0.646	0.552			
1972	C₅H₉NO₂ (1) C₈H₁₀ (2)		4-formyl-morpholine 1,2-dimethyl-benzene						4394-85-8 95-47-6
$T/K = 298.15$									85A1
x_2	0.00000	0.03245	0.06364	0.09907	0.16080	0.28056	0.35608	0.47442	
η /(mPa s)	7.613	7.014	6.442	5.890	5.016	3.707	3.033	2.278	
x_2	0.57012	0.65560	0.69838	0.78188	0.87605	0.93368	1.00000		

η /(mPa s)	1.829	1.511	1.380	1.159	0.961	0.875	0.780
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1973	C₅H₉NO₂ (1) C₈H₁₀ (2)	4-formyl-morpholine 1,3-dimethyl-benzene	4394-85-8 108-38-3
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$T/K = 298.15$									85A1
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x_2	0.00000	0.05737	0.12969	0.23120	0.51606	0.59976	0.68775	0.77671
η /(mPa s)	7.613	6.316	4.989	3.617	1.652	1.343	1.088	0.908

x_2	0.95233	1.00000
η /(mPa s)	0.635	0.584

1974	C₅H₉NO₂ (1) C₈H₁₀ (2)	4-formyl-morpholine 1,4-dimethyl-benzene	4394-85-8 106-42-3
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$T/K = 298.15$									85A1
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x_2	0.00000	0.02757	0.05782	0.09608	0.16532	0.27694	0.35498	0.47084
η /(mPa s)	7.613	6.848	6.120	5.439	4.378	3.140	2.505	1.842

x_2	0.54708	0.63772	0.68707	0.77450	0.85539	0.93195	1.00000
η /(mPa s)	1.542	1.231	1.093	0.899	0.772	0.668	0.602

1975	C₅H₉NO₂ (1) C₈H₁₀ (2)	4-formyl-morpholine ethylbenzene	4394-85-8 100-41-4
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$T/K = 298.15$									85A1
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x_2	0.00000	0.03224	0.06252	0.08602	0.15841	0.27043	0.35122	0.47013
η /(mPa s)	7.613	6.848	6.122	5.678	4.430	3.151	2.527	1.841

x_2	0.55689	0.63728	0.68876	0.77708	0.86361	0.93172	1.00000
η /(mPa s)	1.511	1.261	1.137	0.986	0.829	0.713	0.657

1976	C₅H₉NO₂ (1) C₉H₁₂ (2)	4-formyl-morpholine 1,3,5-trimethyl-benzene	4394-85-8 108-67-8
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$T/K = 298.15$									85A1
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x_2	0.00000	0.02898	0.06010	0.08748	0.14531	0.25039	0.31968	0.44259
η /(mPa s)	7.613	7.041	6.315	5.789	4.838	3.530	2.903	2.093

x_2	0.52741	0.61673	0.66103	0.75030	0.83483	0.94765	1.00000
η /(mPa s)	1.701	1.375	1.264	1.058	0.877	0.731	0.667

1977	C₅H₁₀O (1) C₆H₅Br (2)	2-methyl-tetrahydro-furan bromobenzene	96-47-9 108-86-1
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$T/K = 298.15$									97R3
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x_1	0.0000	0.0991	0.1998	0.3010	0.4046	0.5029	0.6023	0.7043	0.8057
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η /(mPa s)	1.0597	1.0071	0.9516	0.8942	0.8346	0.7773	0.7180	0.6577	0.5972
x_1	0.8998	1.0000							
η /(mPa s)	0.5413	0.4835							
T /K = 313.15									97R3
x_1	0.0991	0.1998	0.3010	0.4046	0.5029	0.6023	0.7043	0.8057	0.8998
η /(mPa s)	0.8350	0.7895	0.7425	0.6943	0.6477	0.6006	0.5522	0.5030	0.4586
1978	C₅H₁₀O (1) C₆H₅Br (2)		tetrahydro-pyran bromobenzene						142-68-7 108-86-1
T /K = 298.15									97R3
x_1	0.0000	0.0970	0.1996	0.3053	0.4011	0.5073	0.6014	0.7014	0.7946
η /(mPa s)	1.0597	1.0498	1.0367	1.0207	1.0000	0.9753	0.9505	0.9209	0.8913
x_1	0.8955	1.0000							
η /(mPa s)	0.8544	0.8008							
T /K = 313.15									97R3
x_1	0.0970	0.1996	0.3053	0.4011	0.5073	0.6014	0.7014	0.7946	0.8955
η /(mPa s)	0.8682	0.8547	0.8377	0.8212	0.7989	0.7774	0.7518	0.7254	0.6912
1979	C₅H₁₀O (1) C₆H₅ClO (2)		pentan-2-one 2-chloro-phenol						107-87-9 95-57-8
T /°C = 30.0									70N1
x_2	0.0000	0.2007	0.4005	0.5000	0.5986	0.7962	1.0000		
η /(mPa s)	0.458	0.759	1.309	1.715	2.123	2.816	3.002		
1980	C₅H₁₀O (1) C₆H₅ClO (2)		pentan-3-one 2-chloro-phenol						96-22-0 95-57-8
T /°C = 30.0									70N1
x_2	0.0000	0.1976	0.4000	0.5000	0.5996	0.8005	1.0000		
η /(mPa s)	0.440	0.717	1.200	1.564	1.949	2.558	3.002		
1981	C₅H₁₀O (1) C₆H₆ (2)		pentan-2-one benzene						107-87-9 71-43-2
T /°C = 25.0									39U4
x_2	0.00	0.10	0.25	0.50	0.75	1.0			
η /(mPa s)	0.4668	0.4739	0.4810	0.5105	0.5462	0.5899			
1982	C₅H₁₀O (1) C₆H₁₁Br (2)		2-methyl-tetrahydro-furan bromocyclohexane						96-47-9 108-85-0

$T/K = 298.15$										96R4
x_1	0.1007	0.2017	0.3008	0.4047	0.5012	0.6038	0.7044	0.7991	0.9006	
$\eta^E/(\text{mPa s})$	-0.1482	-0.2410	-0.2924	-0.3098	-0.2898	-0.2584	-0.2121	-0.1611	-0.085	
$T/K = 313.15$										96R4
x_1	0.1007	0.2017	0.3008	0.4047	0.5012	0.6038	0.7044	0.7991	0.9006	
$\eta^E/(\text{mPa s})$	-0.0954	-0.1576	-0.1924	-0.2065	-0.2020	-0.1752	-0.1430	-0.1106	-0.059	
1983	C₅H₁₀O (1)		tetrahydro-pyran							142-68-7
	C₆H₁₁Br (2)		bromocyclohexane							108-85-0
$T/K = 298.15$										96R4
x_1	0.1315	0.1990	0.3035	0.3968	0.5009	0.6025	0.7001	0.8009	0.9018	
$\eta^E/(\text{mPa s})$	-0.0673	-0.0921	-0.1188	-0.1285	-0.1280	-0.1185	-0.1007	-0.0742	-0.040	
$T/K = 313.15$										96R4
x_1	0.1315	0.1990	0.3035	0.3968	0.5009	0.6025	0.7001	0.8009	0.9018	
$\eta^E/(\text{mPa s})$	-0.0419	-0.0580	-0.0760	-0.0829	-0.0818	-0.0785	-0.0666	-0.0496	-0.027	
1984	C₅H₁₀O (1)		2-methyl-tetrahydro-furan							96-47-9
	C₆H₁₁Cl (2)		chlorocyclohexane							542-18-7
$T/K = 298.15$										97R2
x_1	0.0000	0.0984	0.1994	0.2986	0.4009	0.4991	0.5995	0.7010	0.8020	
$\eta/(\text{mPa s})$	1.5675	1.3668	1.1953	1.0552	0.9325	0.8311	0.7420	0.6638	0.5963	
x_1	0.8995	1.0000								
$\eta/(\text{mPa s})$	0.5378	0.4835								
$T/K = 313.15$										97R2
x_1	0.0984	0.1994	0.2986	0.4009	0.4991	0.5995	0.7010	0.8020	0.8995	
$\eta/(\text{mPa s})$	1.0753	0.9535	0.8519	0.7611	0.6848	0.6167	0.5561	0.5018	0.4546	
1985	C₅H₁₀O (1)		tetrahydro-pyran							142-68-7
	C₆H₁₁Cl (2)		chlorocyclohexane							542-18-7
$T/K = 298.15$										97R2
x_1	0.0000	0.1031	0.2000	0.3037	0.4038	0.4996	0.6036	0.6992	0.8038	
$\eta/(\text{mPa s})$	1.5675	1.4586	1.3638	1.2703	1.1877	1.1139	1.0405	0.9974	0.9135	
x_1	0.9034	1.0000								
$\eta/(\text{mPa s})$	0.8561	0.8008								
$T/K = 313.15$										97R2
x_1	0.1031	0.2000	0.3037	0.4038	0.4996	0.6036	0.6992	0.8038	0.9034	
$\eta/(\text{mPa s})$	1.1415	1.0729	1.0024	0.9418	0.8879	0.8332	0.7853	0.7364	0.6928	

1986	C₅H₁₀O (1)	C₆H₁₂ (2)	tetrahydro-pyran cyclohexane					142-68-7 110-82-7	
<i>T/K = 288.15</i>									97P4
<i>x</i> ₁	0.0000	0.0683	0.1516	0.2325	0.3039	0.3917	0.4692	0.5502	0.6301
<i>η</i> /(mPa s)	1.0642	1.0401	1.0140	0.9927	0.9776	0.9634	0.9525	0.9436	0.9366
<i>x</i> ₁	0.7098	0.7891	0.8658	0.9485	1.0000				
<i>η</i> /(mPa s)	0.9317	0.9286	0.9278	0.9279	0.9285				
<i>T/K = 298.15</i>									97P4
<i>x</i> ₁	0.0000	0.0683	0.1516	0.2325	0.3039	0.3917	0.4692	0.5502	0.6301
<i>η</i> /(mPa s)	0.8924	0.8739	0.8569	0.8431	0.8314	0.8207	0.8125	0.8062	0.8025
<i>x</i> ₁	0.7098	0.7891	0.8658	0.9485	1.0000				
<i>η</i> /(mPa s)	0.7992	0.7981	0.7990	0.7994	0.8011				
<i>T/K = 308.15</i>									97P4
<i>x</i> ₁	0.0000	0.0683	0.1516	0.2325	0.3039	0.3917	0.4692	0.5502	0.6301
<i>η</i> /(mPa s)	0.7581	0.7453	0.7318	0.7205	0.7121	0.7056	0.7006	0.6967	0.6943
<i>x</i> ₁	0.7098	0.7891	0.8658	0.9485	1.0000				
<i>η</i> /(mPa s)	0.6924	0.6924	0.6935	0.6956	0.6970				
<i>T/K = 288.15</i>									97P4
<i>x</i> ₁	0.0000	0.0683	0.1516	0.2325	0.3039	0.3917	0.4692	0.5502	0.6301
<i>v</i> /(mm ² /s)	1.3590	1.3183	1.2732	1.2347	1.2057	1.1755	1.1510	1.1286	1.1085
<i>x</i> ₁	0.7098	0.7891	0.8658	0.9485	1.0000				
<i>v</i> /(mm ² /s)	1.0912	1.0760	1.0637	1.0516	1.0445				
<i>T/K = 298.15</i>									97P4
<i>x</i> ₁	0.0000	0.0683	0.1516	0.2325	0.3039	0.3917	0.4692	0.5502	0.6301
<i>v</i> /(mm ² /s)	1.1534	1.1209	1.0889	1.0613	1.0366	1.0133	0.9934	0.9756	0.9609
<i>x</i> ₁	0.7098	0.7891	0.8658	0.9485	1.0000				
<i>v</i> /(mm ² /s)	0.9469	0.9354	0.9266	0.9163	0.9115				
<i>T/K = 308.15</i>									97P4
<i>x</i> ₁	0.0000	0.0683	0.1516	0.2325	0.3039	0.3917	0.4692	0.5502	0.6301
<i>v</i> /(mm ² /s)	0.9920	0.9679	0.9414	0.9181	0.8988	0.8818	0.8670	0.8532	0.8414
<i>x</i> ₁	0.7098	0.7891	0.8658	0.9485	1.0000				
<i>v</i> /(mm ² /s)	0.8301	0.8211	0.8133	0.8066	0.8022				
1987	C₅H₁₀O (1)	C₆H₁₂O (2)	pentan-3-one 4-methyl-pentan-2-one					96-22-0 108-10-1	
<i>T/K = 298.15</i>									90F1
<i>x</i> ₂	0.0000	0.0749	0.1609	0.3004	0.4466	0.5932	0.7509	0.8066	0.8789
<i>η</i> /(mPa s)	0.442	0.450	0.457	0.471	0.485	0.499	0.515	0.521	0.528

x_2 1.0000
 η /(mPa s) 0.541

1988 **C₅H₁₀O (1)** **3-methyl-butan-2-one** **563-80-4**
 C₆H₁₂O₂ (2) **acetic acid butyl ester** **123-86-4**

$T/K = 288.15$ 93P3, 93T1

x_1 0.0000 0.2134 0.3964 0.6028 0.7846 1.0000
 v /(mm²/s) 0.8830 0.8298 0.7858 0.7353 0.6922 0.6394

$T/K = 293.15$ 93P3, 93T1

x_1 0.0000 0.2134 0.3964 0.6028 0.7846 1.0000
 v /(mm²/s) 0.8267 0.7790 0.7385 0.6933 0.6549 0.6072

$T/K = 298.15$ 93P3, 93T1

x_1 0.0000 0.2134 0.3964 0.6028 0.7846 1.0000
 v /(mm²/s) 0.7763 0.7379 0.6975 0.6573 0.6204 0.5780

1989 **C₅H₁₀O (1)** **tetrahydro-pyran** **142-68-7**
 C₇H₈ (2) **toluene** **108-88-3**

$T/K = 288.15$ 97P4

x_1 0.0000 0.0725 0.1508 0.2304 0.3121 0.3955 0.4713 0.5520 0.6309
 η /(mPa s) 0.6209 0.6360 0.6533 0.6714 0.6912 0.7120 0.7327 0.7561 0.7809

x_1 0.7116 0.7914 0.8690 0.9500 1.0000
 η /(mPa s) 0.8087 0.8380 0.8695 0.9051 0.9285

$T/K = 298.15$ 97P4

x_1 0.0000 0.0725 0.1508 0.2304 0.3121 0.3955 0.4713 0.5520 0.6309
 η /(mPa s) 0.5459 0.5619 0.5763 0.5914 0.6083 0.6254 0.6421 0.6616 0.6818

x_1 0.7116 0.7914 0.8690 0.9500 1.0000
 η /(mPa s) 0.7043 0.7282 0.7535 0.7818 0.8011

$T/K = 308.15$ 97P4

x_1 0.0000 0.0725 0.1508 0.2304 0.3121 0.3955 0.4713 0.5520 0.6309
 η /(mPa s) 0.4899 0.5006 0.5125 0.5251 0.5390 0.5533 0.5676 0.5836 0.6003

x_1 0.7116 0.7914 0.8690 0.9500 1.0000
 η /(mPa s) 0.6187 0.6380 0.6587 0.6819 0.6970

$T/K = 288.15$ 97P4

x_1 0.0000 0.0725 0.1508 0.2304 0.3121 0.3955 0.4713 0.5520 0.6309
 v /(mm²/s) 0.7125 0.7285 0.7470 0.7663 0.7874 0.8097 0.8320 0.8571 0.8839

x_1 0.7116 0.7914 0.8690 0.9500 1.0000
 v /(mm²/s) 0.9140 0.9458 0.9802 1.0189 1.0445

$T/K = 298.15$ 97P4

x_1	0.0000	0.0725	0.1508	0.2304	0.3121	0.3955	0.4713	0.5520	0.6309
$v/(mm^2/s)$	0.6373	0.6507	0.6661	0.6823	0.7006	0.7191	0.7372	0.7584	0.7803
x_1	0.7116	0.7914	0.8690	0.9500	1.0000				
$v/(mm^2/s)$	0.8050	0.8312	0.8590	0.8902	0.9115				
$T/K = 308.15$									97P4
x_1	0.0000	0.0725	0.1508	0.2304	0.3121	0.3955	0.4713	0.5520	0.6309
$v/(mm^2/s)$	0.5744	0.5860	0.5989	0.6126	0.6277	0.6433	0.6590	0.6756	0.6949
x_1	0.7116	0.7914	0.8690	0.9500	1.0000				
$v/(mm^2/s)$	0.7153	0.7365	0.7596	0.7854	0.8022				
1990	C₅H₁₀O (1) C₇H₁₆ (2)		pentan-2-one heptane						107-87-9 142-82-5
$T/^\circ\text{C} = 25.0$									78D1
x_1	0.0000	0.2054	0.2538	0.3011	0.3701	0.4319	0.4800	0.5186	0.5638
$v/(mm^2/s)$	0.573	0.556	0.555	0.554	0.554	0.555	0.555	0.556	0.557
x_1	0.6177	0.6830	0.7211	0.7637	0.8660	0.9280	1.0000		
$v/(mm^2/s)$	0.559	0.562	0.561	0.566	0.574	0.579	0.588		
1991	C₅H₁₀O₂ (1) C₅H₁₀O₂ (2)		acetic acid propyl ester propionic acid ethyl ester						109-60-4 105-37-3
$T/^\circ\text{C} = 20.0$									26U1
x_2	0.0000	0.1745	0.3548	0.4958	0.6479	0.8218	1.0000		
$\eta/(\text{mPa s})$	0.57558	0.56762	0.55885	0.55226	0.54481	0.53731	0.53089		
$T/^\circ\text{C} = 40.0$									26U1
x_2	0.0000	0.1865	0.3285	0.5054	0.6524	0.8174	1.0000		
$\eta/(\text{mPa s})$	0.45387	0.44828	0.44382	0.43890	0.43421	0.42943	0.42427		
1992	C₅H₁₀O₂ (1) C₅H₁₀O₂ (2)		formic acid butyl ester propionic acid ethyl ester						592-84-7 105-37-3
$T/^\circ\text{C} = 20.0$									26U1
x_2	0.0000	0.1479	0.3391	0.5149	0.6721	0.8280	1.0000		
$\eta/(\text{mPa s})$	0.62762	0.61129	0.59308	0.57727	0.56286	0.54914	0.53290		
$T/^\circ\text{C} = 40.0$									26U1
x_2	0.0000	0.1458	0.3078	0.4883	0.6765	0.8238	1.0000		
$\eta/(\text{mPa s})$	0.49251	0.48267	0.47185	0.45938	0.44748	0.43856	0.42731		
1993	C₅H₁₀O₂ (1) C₆H₅Cl (2)		butyric acid methyl ester chlorobenzene						623-42-7 108-90-7

<i>T</i> /K = 308.15										99S1
x_1	0.0000	0.0851	0.1025	0.2257	0.3019	0.4004	0.5036	0.5911	0.6834	
η /(mPa s)	0.675	0.648	0.647	0.630	0.621	0.607	0.593	0.580	0.564	
x_1	0.8223	0.8997	0.9522	1.0000						
η /(mPa s)	0.541	0.525	0.515	0.506						
<i>T</i> /K = 318.15										99S1
x_1	0.0000	0.0851	0.1025	0.2257	0.3019	0.4004	0.5036	0.5911	0.6834	
η /(mPa s)	0.607	0.601	0.600	0.588	0.580	0.567	0.552	0.540	0.527	
x_1	0.8223	0.8997	0.9522	1.0000						
η /(mPa s)	0.504	0.489	0.479	0.469						
1994	C₅H₁₀O₂ (1) C₆H₅Cl (2)	propionic acid ethyl ester chlorobenzene							105-37-3 108-90-7	
<i>T</i> /K = 308.15										99S1
x_1	0.0000	0.0485	0.1020	0.1976	0.3070	0.3984	0.4981	0.6116	0.7034	
η /(mPa s)	0.675	0.647	0.636	0.616	0.594	0.576	0.557	0.535	0.519	
x_1	0.7992	0.9000	0.9478	1.0000						
η /(mPa s)	0.501	0.484	0.476	0.467						
<i>T</i> /K = 318.15										99S1
x_1	0.0000	0.0485	0.1020	0.1976	0.3070	0.3984	0.4981	0.6116	0.7034	
η /(mPa s)	0.607	0.598	0.588	0.570	0.550	0.534	0.517	0.498	0.483	
x_1	0.7992	0.9000	0.9478	1.0000						
η /(mPa s)	0.467	0.451	0.444	0.436						
1995	C₅H₁₀O₂ (1) C₆H₆ (2)	acetic acid propyl ester benzene							109-60-4 71-43-2	
<i>T</i> /K = 303.15										88R6
x_2	0.0000	0.0633	0.1259	0.1865	0.3006	0.4062	0.5133	0.6141	0.7078	
η /(mPa s)	0.518	0.514	0.515	0.513	0.512	0.513	0.514	0.517	0.524	
x_2	0.7972	0.8812	0.9631	1.0000						
η /(mPa s)	0.529	0.539	0.551	0.560						
<i>T</i> /K = 313.15										88R6
x_2	0.0000	0.1951	0.4024	0.5082	0.6029	0.8029	1.0000			
η /(mPa s)	0.449	0.448	0.449	0.453	0.455	0.466	0.491			
<i>T</i> /°C = 25.0										74D1
w_2	0.0000	0.1997	0.4055	0.6201	0.8011	1.0000				
η /(mPa s)	0.544	0.537	0.537	0.551	0.563	0.591				
<i>T</i> /°C = 35.0										74D1

w_2	0.0000	0.1997	0.4055	0.6201	0.8011	1.0000
η /(mPa s)	0.483	0.477	0.480	0.487	0.490	0.518

1996 **C₅H₁₀O₂ (1)** **formic acid butyl ester** **592-84-7**
C₆H₆ (2) **benzene** **71-43-2**

$T/K = 293.15$ 98E1

x_2	0.0000	0.1070	0.1857	0.3054	0.4084	0.4942	0.5013	0.6521	0.7040
ν /(mm ² /s)	0.7414	0.7250	0.7140	0.6986	0.6900	0.6840	0.6838	0.6814	0.6836
x_2	0.8079	0.9049	1.0000						
ν /(mm ² /s)	0.6911	0.7096	0.7408						

$T/K = 303.15$ 98E1

x_2	0.0000	0.1070	0.1857	0.3054	0.4084	0.4942	0.5013	0.6521	0.7040
ν /(mm ² /s)	0.6653	0.6506	0.6418	0.6279	0.6173	0.6120	0.6114	0.6083	0.6090
x_2	0.8079	0.9049	1.0000						
ν /(mm ² /s)	0.6146	0.6279	0.6497						

$T/K = 313.15$ 98E1

x_2	0.0000	0.1070	0.1857	0.3054	0.4084	0.4942	0.5013	0.6521	0.7040
ν /(mm ² /s)	0.6007	0.5871	0.5774	0.5665	0.5568	0.5510	0.5508	0.5469	0.5469
x_2	0.8079	0.9049	1.0000						
ν /(mm ² /s)	0.5501	0.5598	0.5774						

$T/K = 323.15$ 98E1

x_2	0.0000	0.1070	0.1857	0.3054	0.4084	0.4942	0.5013	0.6521	0.7040
ν /(mm ² /s)	0.5456	0.5306	0.5216	0.5110	0.5052	0.5010	0.5018	0.4964	0.4961
x_2	0.8079	0.9049	1.0000						
ν /(mm ² /s)	0.4990	0.5052	0.5202						

1997 **C₅H₁₀O₂ (1)** **pentanoic acid** **109-52-4**
C₆H₆ (2) **benzene** **71-43-2**

$T/^\circ\text{C} = 25.0$ 48J1

w_1	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
η /(mPa s)	0.603	0.620	0.639	0.687	0.825	0.920	1.062	1.436	1.970

1998 **C₅H₁₀O₂ (1)** **propionic acid ethyl ester** **105-37-3**
C₆H₆ (2) **benzene** **71-43-2**

$T/K = 308.15$ 99S1

x_1	0.0000	0.0521	0.0984	0.2018	0.3029	0.4009	0.4991	0.5982	0.7114
η /(mPa s)	0.537	0.530	0.525	0.513	0.503	0.495	0.487	0.481	0.475
x_1	0.8042	0.8989	0.9200	1.0000					
η /(mPa s)	0.472	0.469	0.468	0.467					

$T/K = 318.15$										99S1
x_1	0.0000	0.0521	0.0984	0.2018	0.3029	0.4009	0.4991	0.5982	0.7114	
$\eta /(\text{mPa s})$	0.470	0.470	0.470	0.469	0.468	0.465	0.462	0.459	0.453	
x_1	0.8042	0.8989	0.9200	1.0000						
$\eta /(\text{mPa s})$	0.448	0.443	0.441	0.436						
1999	C₅H₁₀O₂ (1) C₆H₁₂ (2)	acetic acid isopropyl ester cyclohexane							108-21-4 110-82-7	
$T/K = 298.15$										91K4
x_1	0.0000	0.0846	0.1126	0.1665	0.2671	0.3555	0.4881	0.5911	0.6773	
$\eta /(\text{mPa s})$	0.9006	0.8036	0.7518	0.7050	0.6360	0.5940	0.5485	0.5241	0.5099	
x_1	0.7902	0.8873	0.9593	1.0000						
$\eta /(\text{mPa s})$	0.4951	0.4932	0.4903	0.4900						
$T/K = 308.15$										91K4
x_1	0.0000	0.0846	0.1126	0.1665	0.2671	0.3555	0.4881	0.5911	0.6773	
$\eta /(\text{mPa s})$	0.7634	0.6718	0.6494	0.6120	0.5559	0.5212	0.4824	0.4620	0.4512	
x_1	0.7902	0.8873	0.9593	1.0000						
$\eta /(\text{mPa s})$	0.4410	0.4366	0.4349	0.4342						
2000	C₅H₁₀O₂ (1) C₆H₁₂O₂ (2)	acetic acid propyl ester acetic acid butyl ester							109-60-4 123-86-4	
$T/^\circ\text{C} = 20.0$										56T1
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
$\eta /(\text{mPa s})$	0.591	0.618	0.644	0.670	0.697	0.724				
$T/^\circ\text{C} = 40.0$										56T1
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
$\eta /(\text{mPa s})$	0.462	0.481	0.500	0.519	0.538	0.556				
$T/^\circ\text{C} = 60.0$										56T1
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
$\eta /(\text{mPa s})$	0.373	0.387	0.400	0.414	0.428	0.442				
2001	C₅H₁₀O₂ (1) C₆H₁₂O₂ (2)	acetic acid propyl ester formic acid pentyl ester							109-60-4 638-49-3	
$T/^\circ\text{C} = 12.0$										14K1
x_2	0.000	0.258	0.701	1.000						
$\eta / \eta_{\text{water}}$	0.6156	0.6546	0.7161	0.7618						
$T/^\circ\text{C} = 64.0$										14K1
x_2	0.000	0.258	0.701	1.000						

η/η_{water} 0.8320 0.8650 0.9060 0.9493

2002 **C₅H₁₀O₂ (1)** **propionic acid ethyl ester** **105-37-3**
C₆H₁₄ (2) **hexane** **110-54-3**

$T/K = 303.15$ 92O1

x_1 0.0000 0.1832 0.3971 0.4989 0.5988 0.8005 1.0000

$\eta/(mPa\ s)$ 0.2859 0.2997 0.3276 0.3451 0.3661 0.4138 0.4833

2003 **C₅H₁₀O₂ (1)** **acetic acid propyl ester** **109-60-4**
C₇H₇Cl (2) **1-chloro-4-methyl-benzene** **106-43-4**

$T/K = 293.15$ 96P5

x_1 0.0000 0.1018 0.2029 0.3052 0.4088 0.5143 0.6084 0.7065 0.8045

$\eta/(mPa\ s)$ 0.8893 0.8693 0.8432 0.8175 0.7890 0.7550 0.7255 0.6924 0.6620

x_1 0.9035 1.0000

$\eta/(mPa\ s)$ 0.6242 0.5881

$T/K = 298.15$ 96P5

x_1 0.0000 0.1018 0.2029 0.3052 0.4088 0.5143 0.6084 0.7065 0.8045

$\eta/(mPa\ s)$ 0.8348 0.8141 0.7895 0.7651 0.7370 0.7055 0.6775 0.6491 0.6176

x_1 0.9035 1.0000

$\eta/(mPa\ s)$ 0.5845 0.5556

$T/K = 303.15$ 96P5

x_1 0.0000 0.1037 0.2044 0.3034 0.4075 0.5071 0.6065 0.7066 0.8044

$\eta/(mPa\ s)$ 0.7854 0.7624 0.7402 0.7160 0.6879 0.6635 0.6351 0.6063 0.5779

x_1 0.9025 1.0000

$\eta/(mPa\ s)$ 0.5494 0.5181

2004 **C₅H₁₀O₂ (1)** **acetic acid propyl ester** **109-60-4**
C₇H₁₆ (2) **heptane** **142-82-5**

$T/^\circ C = 25.0$ 61L1

x_1 0.0 0.2 0.4 0.5 0.6 0.8 1.0

$\eta/(mPa\ s)$ 0.399 0.406 0.427 0.441 0.458 0.498 0.558

$T/^\circ C = 25.0$ 78D1

x_1 0.0000 0.1337 0.1777 0.2126 0.2617 0.3507 0.4187 0.5193

$v/(mm^2/s)$ 0.579 0.564 0.563 0.561 0.560 0.559 0.560 0.563

x_1 0.6430 0.7300 0.8440 0.9150 1.0000

$v/(mm^2/s)$ 0.571 0.579 0.594 0.606 0.624

2005 **C₅H₁₀O₂ (1)** **butyric acid methyl ester** **623-42-7**

	C₇H₁₆ (2)		heptane					142-82-5	
<i>T</i> /K = 308.15									
<i>x</i> ₁	0.0000	0.0525	0.1560	0.1959	0.2969	0.4989	0.5971	0.7995	0.8524
<i>η</i> /(mPa s)	0.353	0.357	0.366	0.369	0.379	0.406	0.421	0.459	0.470
<i>x</i> ₁	0.9236	0.9531	0.9825	1.0000					
<i>η</i> /(mPa s)	0.487	0.494	0.501	0.506					
<i>T</i> /K = 318.15									
<i>x</i> ₁	0.0000	0.0525	0.1560	0.1959	0.2969	0.4989	0.5971	0.7995	0.8524
<i>η</i> /(mPa s)	0.320	0.326	0.337	0.341	0.352	0.379	0.397	0.427	0.437
<i>x</i> ₁	0.9236	0.9531	0.9825	1.0000					
<i>η</i> /(mPa s)	0.451	0.458	0.465	0.469					
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.1060	0.2020	0.3062	0.3814	0.4930	0.5989	0.6875	0.7944
<i>η</i> /(mPa s)	0.389	0.388	0.391	0.399	0.406	0.420	0.437	0.454	0.478
<i>x</i> ₁	0.8917	1.0000							
<i>η</i> /(mPa s)	0.508	0.543							
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.1060	0.2020	0.3062	0.3814	0.4930	0.5989	0.6875	0.7944
<i>v</i> /(mm ² /s)	0.572	0.557	0.550	0.546	0.545	0.548	0.553	0.560	0.572
<i>x</i> ₁	0.8917	1.0000							
<i>v</i> /(mm ² /s)	0.588	0.609							
<i>T</i> /°C = 25.0									
<i>x</i> ₁	0.0000	0.3920	0.4532	0.4916	0.5371	0.5920	0.6592	0.7437	1.0000
<i>v</i> /(mm ² /s)	0.581	0.556	0.557	0.558	0.560	0.563	0.568	0.576	0.616
2006									
	C₅H₁₀O₂ (1)		pentanoic acid					109-52-4	
	C₇H₁₆ (2)		heptane					142-82-5	
<i>T</i> /°C = 25.0									
<i>x</i> ₁	0.0000	0.1500	0.2645	0.3675	0.4729	0.5844	0.6640	0.7508	0.8290
<i>η</i> /(mPa s)	0.392	0.450	0.509	0.579	0.668	0.798	0.916	1.075	1.275
<i>x</i> ₁	0.9245	1.0000							
<i>η</i> /(mPa s)	1.607	1.975							
<i>T</i> /°C = 40.0									
<i>x</i> ₁	0.0000	0.1500	0.2645	0.3675	0.4729	0.5844	0.6640	0.7508	0.8290
<i>η</i> /(mPa s)	0.335	0.383	0.432	0.487	0.559	0.660	0.753	0.876	1.027
<i>x</i> ₁	0.9245	1.0000							
<i>η</i> /(mPa s)	1.262	1.524							
<i>T</i> /°C = 55.0									
									66M1

x_1	0.0000	0.1500	0.2645	0.3675	0.4729	0.5844	0.6640	0.7508	0.8290
$\eta /(\text{mPa s})$	0.290	0.328	0.368	0.412	0.472	0.554	0.627	0.724	0.841
x_1	0.9245	1.0000							
$\eta /(\text{mPa s})$	1.019	1.209							

2007 **C₅H₁₀O₂ (1)** **propionic acid ethyl ester** **105-37-3**
C₇H₁₆ (2) **heptane** **142-82-5**

$T/\text{K} = 308.15$ 99S1

x_1	0.0000	0.0514	0.0967	0.2165	0.3027	0.4024	0.5033	0.5880	0.7003
$\eta /(\text{mPa s})$	0.353	0.356	0.360	0.369	0.376	0.386	0.396	0.406	0.421

x_1	0.7994	0.9003	0.9484	1.0000					
$\eta /(\text{mPa s})$	0.435	0.450	0.458	0.467					

$T/\text{K} = 318.15$ 99S1

x_1	0.0000	0.0514	0.0967	0.2165	0.3027	0.4024	0.5033	0.5880	0.7003
$\eta /(\text{mPa s})$	0.320	0.325	0.329	0.341	0.350	0.360	0.372	0.383	0.397

x_1	0.7994	0.9003	0.9484	1.0000					
$\eta /(\text{mPa s})$	0.408	0.421	0.428	0.436					

$T/^\circ\text{C} = 25.0$ 78D1

x_1	0.0000	0.2818	0.3705	0.4396	0.5169	0.5953	0.6623	0.7463	0.8547
$\nu /(\text{mm}^2/\text{s})$	0.579	0.544	0.540	0.5384	0.5385	0.539	0.541	0.545	0.553

x_1	0.9217	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.559	0.570							

2008 **C₅H₁₀O₂ (1)** **butyric acid methyl ester** **623-42-7**
C₈H₁₈ (2) **octane** **111-65-9**

$T/^\circ\text{C} = 15.0$ 78D1

x_1	0.0000	0.4890	0.5397	0.5890	0.6482	0.7207	0.8658	1.0000	
$\nu /(\text{mm}^2/\text{s})$	0.816	0.707	0.702	0.698	0.693	0.689	0.686	0.692	

2009 **C₅H₁₀O₂ (1)** **butyric acid methyl ester** **623-42-7**
C₉H₂₀ (2) **nonane** **111-84-2**

$T/\text{K} = 298.15$ 96M1

x_1	0.0000	0.1130	0.2015	0.2891	0.3977	0.4856	0.6002	0.6936	0.7934
$\eta /(\text{mPa s})$	0.662	0.631	0.609	0.590	0.572	0.560	0.548	0.542	0.538

x_1	0.8890	1.0000							
$\eta /(\text{mPa s})$	0.538	0.543							

$T/\text{K} = 298.15$ 96M1

x_1	0.0000	0.1130	0.2015	0.2891	0.3977	0.4856	0.6002	0.6936	0.7934
$\nu /(\text{mm}^2/\text{s})$	0.927	0.870	0.827	0.790	0.750	0.722	0.689	0.666	0.643
x_1	0.8890	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.625	0.609							

2010	C₅H₁₀O₂ (1)	C₉H₂₁N (2)	2,2-dimethyl-propionic acid tripropylamine							75-98-9 102-69-2
<i>T/K</i> = 293.15										
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.725	
$\eta /(\text{mPa s})$	0.670	1.239	1.593	1.998	3.304	5.525	14.34	41.75	62.84	
x_1	0.750	0.800	0.900							
$\eta /(\text{mPa s})$	69.20	54.33	15.35							
<i>T/K</i> = 298.15										
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.725	
$\eta /(\text{mPa s})$	0.523	1.113	1.416	1.897	2.795	4.857	11.43	29.64	43.60	
x_1	0.750	0.800	0.900							
$\eta /(\text{mPa s})$	52.11	40.04	11.96							
<i>T/K</i> = 303.15										
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.725	
$\eta /(\text{mPa s})$	0.495	1.090	1.371	1.631	2.479	3.946	9.15	21.72	31.12	
x_1	0.750	0.800	0.900							
$\eta /(\text{mPa s})$	39.98	28.38	9.46							
<i>T/K</i> = 308.15										
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.725	
$\eta /(\text{mPa s})$	0.459	1.007	1.265	1.619	2.325	3.560	7.47	16.62	22.68	
x_1	0.750	0.800	0.900							
$\eta /(\text{mPa s})$	28.77	21.17	7.88							
<i>T/K</i> = 313.15										
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.725	
$\eta /(\text{mPa s})$	0.445	0.961	1.163	1.474	2.140	3.069	6.17	12.77	17.62	
x_1	0.750	0.800	0.900	1.000						
$\eta /(\text{mPa s})$	21.17	16.84	6.57	2.45						
<i>T/K</i> = 318.15										
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.725	
$\eta /(\text{mPa s})$	0.412		1.088	1.375	1.94	2.62	5.00	10.24	14.04	
x_1	0.750	0.800	0.900	1.000						
$\eta /(\text{mPa s})$	17.53	13.12	5.51	2.23						
<i>T/K</i> = 323.15										
x_1	0.000	0.100	0.200	0.300	0.400	0.500	0.600	0.700	0.725	
$\eta /(\text{mPa s})$	0.380		1.017	1.285	1.79	2.72	4.15	8.33	11.21	

x_1	0.750	0.800	0.900	1.000						
η /(mPa s)	13.24	10.81	4.73	2.06						
$T/K = 328.15$										81R2
x_1	0.600	0.700	0.725	0.750	0.800	0.900	1.000			
η /(mPa s)	3.421	6.92	9.44	10.09	8.72	4.06	1.86			
$T/K = 333.15$										81R2
x_1	0.600	0.700	0.725	0.750	0.800	0.900	1.000			
η /(mPa s)	2.81	5.78	6.77	8.86	7.21	3.62	1.64			
2011	C₅H₁₀O₂ (1)		acetic acid propyl ester							109-60-4
	C₁₀H₂₂ (2)		decane							124-18-5
$T/^\circ\text{C} = 25.0$										78D1
x_1	0.0000	0.3394	0.5170	0.5623	0.6162	0.6816	0.7198	0.8107	1.0000	
ν /(mm ² /s)	1.158	0.931	0.826	0.804	0.778	0.748	0.732	0.693	0.625	
2012	C₅H₁₀O₃ (1)		carbonic acid diethyl ester							105-58-8
	C₆H₁₄O₃ (2)		1-methoxy-2-(2-methoxy-ethoxy)-ethane							111-96-6
$T/K = 298.15$										98P3
x_2	0.0000	0.0487	0.0871	0.1367	0.1800	0.2621	0.3060	0.3935	0.4303	
η /(mPa s)	0.749	0.761	0.774	0.787	0.798	0.817	0.828	0.849	0.857	
x_2	0.4835	0.5570	0.6202	0.6549	0.7104	0.7618	0.8134	0.8478	0.9380	
η /(mPa s)	0.870	0.886	0.899	0.907	0.920	0.933	0.945	0.952	0.970	
x_2	0.9718	0.9927	1.0000							
η /(mPa s)	0.979	0.987	0.990							
$T/K = 308.15$										98P3
x_2	0.0000	0.0487	0.0871	0.1367	0.1800	0.2621	0.3060	0.3935	0.4303	
η /(mPa s)	0.658	0.669	0.674	0.680	0.687	0.706	0.713	0.731	0.739	
x_2	0.4835	0.5570	0.6202	0.6549	0.7104	0.7618	0.8134	0.8478	0.9380	
η /(mPa s)	0.747	0.766	0.772	0.783	0.790	0.799	0.809	0.814	0.825	
x_2	0.9718	0.9927	1.0000							
η /(mPa s)	0.832	0.837	0.839							
$T/K = 318.15$										98P3
x_2	0.0000	0.0487	0.0871	0.1367	0.1800	0.2621	0.3060	0.3935	0.4303	
η /(mPa s)	0.578	0.572	0.593	0.600	0.607	0.618	0.626	0.640	0.652	
x_2	0.4835	0.5570	0.6202	0.6549	0.7104	0.7618	0.8134	0.8478	0.9380	
η /(mPa s)	0.656	0.665	0.674	0.679	0.687	0.695	0.702	0.707	0.719	
x_2	0.9718	0.9927	1.0000							
η /(mPa s)	0.725	0.727	0.728							

2013	C₅H₁₀O₃ (1)		carbonic acid diethyl ester						105-58-8
	C₈H₁₈O₄ (2)		1,2-bis-(2-methoxy-ethoxy)-ethane						112-49-2
<i>T</i> /K = 298.15									98P1
<i>x</i> ₂	0.0000	0.0103	0.0175	0.0246	0.0367	0.0576	0.0787	0.0958	0.1190
<i>η</i> /(mPa s)	0.749	0.759	0.767	0.775	0.788	0.813	0.837	0.856	0.879
<i>x</i> ₂	0.1509	0.1983	0.2499	0.3024	0.3233	0.3543	0.4034	0.4614	0.5022
<i>η</i> /(mPa s)	0.913	0.966	1.021	1.081	1.105	1.142	1.199	1.268	1.324
<i>x</i> ₂	0.5520	0.6112	0.6561	0.7044	0.7371	0.7905	0.8464	0.9175	0.9510
<i>η</i> /(mPa s)	1.386	1.463	1.519	1.583	1.624	1.693	1.764	1.850	1.894
<i>x</i> ₂	1.0000								
<i>η</i> /(mPa s)	1.950								
2014	C₅H₁₀O₃ (1)		carbonic acid diethyl ester						105-58-8
	C₁₀H₂₂O₅ (2)		1,11-dimethoxy-3,6,9-trioxa-undecane						143-24-8
<i>T</i> /K = 298.15									99P2
<i>x</i> ₂	0.0000	0.0049	0.0140	0.0274	0.0440	0.0680	0.0984	0.1416	0.2036
<i>η</i> /(mPa s)	0.749	0.752	0.772	0.796	0.824	0.879	0.938	1.029	1.164
<i>x</i> ₂	0.2814	0.3146	0.3497	0.3949	0.4546	0.5017	0.5551	0.5999	0.6478
<i>η</i> /(mPa s)	1.348	1.434	1.519	1.634	1.798	1.939	2.083	2.204	2.349
<i>x</i> ₂	0.6910	0.7376	0.7849	0.8377	0.8758	0.9345	0.9719	0.9868	1.0000
<i>η</i> /(mPa s)	2.478	2.614	2.760	2.915	3.028	3.218	3.328	3.378	3.394
2015	C₅H₁₁Cl (1)		1-chloro-pentane						543-59-9
	C₁₆H₃₄ (2)		hexadecane						544-76-3
<i>T</i> /°C = 25.0									69C2
<i>x</i> ₂	0.0000	0.1532	0.2897	0.4420	0.5367	0.6903	0.8323	1.0000	
<i>v</i> /(mm ² /s)	0.6227	0.9542	1.301	1.746	2.055	2.615	3.200	3.970	
2016	C₅H₁₁N (1)		piperidine						110-89-4
	C₆H₆O (2)		phenol						108-95-2
<i>T</i> /°C = 25.0									47V1
<i>x</i> ₁	0.0549	0.1093	0.1631	0.2163	0.2428	0.2500	0.2691	0.2952	0.4241
<i>η</i> /(mPa s)	17.77	52.92	104.07	161.25	178.34	185.30	188.39	162.77	46.84
<i>x</i> ₁	0.5000	0.5500	0.6000	0.6666	0.7225	0.8154	0.9086	0.9543	1.0000
<i>η</i> /(mPa s)	19.116	12.10	7.13	4.75	3.83	2.57	1.87	1.21	1.39
<i>T</i> /°C = 50.0									47V1
<i>x</i> ₁	0.0000	0.1093	0.1631	0.2163	0.2428	0.2500	0.2691	0.2952	0.4241
<i>η</i> /(mPa s)	2.68	11.75	16.77	22.06	23.80	24.29	24.31	20.59	9.08

x_1	0.5000	0.5500	0.6000	0.6666	0.7225	0.8154	0.9086	0.9543	1.0000
η /(mPa s)	6.15	4.43	3.24	2.20	1.83	1.32	1.01	0.90	0.80
T /°C = 75.0									47V1
x_1	0.0000	0.1093	0.1631	0.2163	0.2428	0.2500	0.2691	0.2952	0.4241
η /(mPa s)	1.28	3.47	4.57	5.56	5.82	6.10	6.12	5.80	3.05
x_1	0.5000	0.5500	0.6000	0.6666	0.7225	0.8154	0.9086	0.9543	1.0000
η /(mPa s)	2.23	1.89	1.60	1.17	1.01	0.78	0.63	0.59	0.51
T /°C = 100.0									47V1
x_1	0.0000	0.1093	0.1631	0.2163	0.2428	0.2500	0.2691	0.2952	0.4241
η /(mPa s)	0.80	1.47	1.76	1.98	2.02	2.04	2.03	1.92	1.42
x_1	0.5000	0.5500	0.6000	0.6666	0.7225	0.8154	0.9086	0.9543	1.0000
η /(mPa s)	1.13	0.99	0.89	0.72	0.62	0.52	0.43	0.38	0.36
2017	C₅H₁₁N (1) C₆H₇N (2)		piperidine aniline						110-89-4 62-53-3
T /°C = 25.0									67F1
x_1	0.0000	0.1218	0.2224	0.4083	0.4931	0.6808	0.7659	1.0000	
η /(mPa s)	3.71	3.42	3.26	2.81	2.64	2.18	1.94	1.31	
T /°C = 50.0									67F1
x_1	0.0000	0.1218	0.2224	0.4083	0.4931	0.6808	0.7659	1.0000	
η /(mPa s)	1.91	1.77	1.67	1.50	1.43	1.19	1.09	0.82	
T /°C = 75.0									67F1
x_1	0.0000	0.1218	0.2224	0.4083	0.4931	0.6808	0.7659	1.0000	
η /(mPa s)	1.13	0.964	0.930	0.926	0.882	0.733	0.658	0.567	
2018	C₅H₁₁N (1) C₆H₉N (2)		piperidine 2,4-dimethyl-1H-pyrrole						110-89-4 625-82-1
T /°C = 20.0									38D1
x_1	0.00	20.0	0.30	0.333	0.40	0.50	0.60	0.80	1.00
η /(mPa s)	3.565	4.054	4.456	4.831	4.412	3.930	3.424	2.368	1.664
2019	C₅H₁₁N (1) C₇H₉N (2)		piperidine N-methyl-aniline						110-89-4 100-61-8
T /°C = 25.0									67F1
x_1	0.0000	0.1807	0.3299	0.5251	0.6777	0.7998	0.8941	1.0000	
η /(mPa s)	1.98	2.05	2.06	1.98	1.79	1.62	1.45	1.31	
T /°C = 50.0									67F1
x_1	0.0000	0.1807	0.3299	0.5251	0.6777	0.7998	0.8941	1.0000	

η /(mPa s)	1.19	1.19	1.18	1.12	1.02	0.972	0.910	0.820	
T /°C = 75.0									67F1
x_1	0.0000	0.1807	0.3299	0.5251	0.6777	0.7998	0.8941	1.0000	
η /(mPa s)	0.785	0.791	0.764	0.723	0.662	0.656	0.627	0.567	
2020	C₅H₁₁N (1) C₈H₁₁N (2)		piperidine N,N-dimethyl-aniline						110-89-4 121-69-7
T /°C = 25.0									67F1
x_1	0.0000	0.1277	0.2260	0.3619	0.5519	0.7429	0.8545	1.0000	
η /(mPa s)	1.340	1.240	1.227	1.186	1.160	1.200	1.216	1.310	
T /°C = 50.0									67F1
x_1	0.0000	0.1277	0.2260	0.3619	0.5519	0.7429	0.8545	1.0000	
η /(mPa s)	1.010	0.867	0.828	0.807	0.784	0.820	0.807	0.820	
T /°C = 75.0									67F1
x_1	0.0000	0.1277	0.2260	0.3619	0.5519	0.7429	0.8545	1.0000	
η /(mPa s)	0.677	0.627	0.593	0.579	0.559	0.582	0.567	0.567	
2021	C₅H₁₁N (1) C₈H₁₃N (2)		piperidine 3-ethyl-2,4-dimethyl-1H-pyrrole						110-89-4 517-22-6
T /°C = 20.0									38D1
x_1	0.00	0.15	0.20	0.30	0.50	0.70	1.00		
η /(mPa s)	14.05	14.94	15.14	14.26	11.15	7.57	1.66		
2022	C₅H₁₁N (1) C₉H₇N (2)		piperidine quinoline						110-89-4 91-22-5
T /°C = 25.0									47V1
x_2	0.0000	0.0708	0.1416	0.2235	0.3055	0.4017	0.5000	0.6062	0.7252
η /(mPa s)	1.39	1.48	1.58	1.69	1.80	1.96	2.16	2.28	2.63
x_2	0.8704	1.0000							
η /(mPa s)	2.95	3.27							
T /°C = 50.0									47V1
x_2	0.0000	0.0708	0.1416	0.2235	0.3055	0.4017	0.5000	0.6062	0.7252
η /(mPa s)	0.80	0.86	0.93	0.98	1.05	1.13	1.22	1.33	1.48
x_2	0.8704	1.0000							
η /(mPa s)	1.64	1.83							
T /°C = 75.0									47V1
x_2	0.0000	0.0708	0.1416	0.2235	0.3055	0.4017	0.5000	0.6062	0.7252
η /(mPa s)	0.51	0.55	0.59	0.63	0.67	0.71	0.77	0.82	0.91

x_2	0.8704	1.0000							
$\eta /(\text{mPa s})$	0.99	1.11							
$T / ^\circ\text{C} = 100.0$									47V1
x_2	0.0000	0.0708	0.1416	0.2235	0.3055	0.4017	0.5000	0.6062	0.7252
$\eta /(\text{mPa s})$	0.36	0.39	0.43	0.45	0.48	0.51	0.55	0.58	0.64
x_2	0.8704	1.0000							
$\eta /(\text{mPa s})$	0.71	0.77							
2023	$\text{C}_5\text{H}_{11}\text{N}$ (1)		piperidine						110-89-4
	$\text{C}_{12}\text{H}_{11}\text{N}$ (2)		diphenylamine						122-39-4
$T / ^\circ\text{C} = 25.0$									67F1
x_1	0.1431	0.2948	0.3922	0.5205	0.6181	0.7401	0.8685	1.0000	
$\eta /(\text{mPa s})$	18.58	16.39	14.46	10.43	7.52	4.44	2.45	1.31	
$T / ^\circ\text{C} = 50.0$									67F1
x_1	0.0000	0.1431	0.2948	0.3922	0.5205	0.6181	0.7401	0.8685	1.0000
$\eta /(\text{mPa s})$	5.95	5.46	4.85	4.40	3.53	2.86	2.00	1.31	0.820
$T / ^\circ\text{C} = 75.0$									67F1
x_1	0.0000	0.1431	0.2948	0.3922	0.5205	0.6181	0.7401	0.8685	1.0000
$\eta /(\text{mPa s})$	2.69	2.45	2.22	2.00	1.70	1.46	1.17	0.812	0.567
2024	C_5H_{12} (1)		pentane						109-66-0
	$\text{C}_6\text{H}_5\text{NO}_2$ (2)		nitrobenzene						98-95-3
$T / ^\circ\text{C} = 20.0$									77S1
x_2	0.0998	0.1994	0.5984	0.6995	0.7997	0.9000			
$\eta /(\text{mPa s})$	0.272	0.336	0.790	0.972	1.221	1.549			
$T / ^\circ\text{C} = 24.0$									77S1
x_2	0.0998	0.1994	0.2990	0.3491	0.3990	0.4589	0.4940	0.5984	0.6995
$\eta /(\text{mPa s})$	0.262	0.322	0.420	0.520	0.596	0.603	0.623	0.748	0.921
x_2	0.7997	0.9000							
$\eta /(\text{mPa s})$	1.150	1.452							
$T / ^\circ\text{C} = 24.02$									77S1
x_2	0.2990	0.3491	0.3832	0.3990	0.4589	0.4940			
$\eta /(\text{mPa s})$	0.420	0.517	0.614	0.591	0.602	0.623			
$T / ^\circ\text{C} = 24.5$									77S1
x_2	0.0998	0.1994	0.2990	0.3491	0.3832	0.3990	0.4589	0.4940	0.5984
$\eta /(\text{mPa s})$	0.261	0.321	0.415	0.488	0.532	0.550	0.592	0.616	0.743
x_2	0.6995	0.7997	0.9000						
$\eta /(\text{mPa s})$	0.915	1.142	1.441						
$T / ^\circ\text{C} = 25.0$									77S1

x_2	0.0998	0.1994	0.2990	0.3491	0.3832	0.3990	0.4589	0.4940	0.5984
$\eta /(\text{mPa s})$	0.260	0.319	0.411	0.476	0.515	0.536	0.584	0.610	0.738
x_2	0.6995	0.7997	0.9000						
$\eta /(\text{mPa s})$	0.909	1.134	1.430						
$T / ^\circ\text{C} = 26.0$									77S1
x_2	0.0998	0.1994	0.2990	0.3491	0.3832	0.3990	0.4589	0.4940	0.5984
$\eta /(\text{mPa s})$	0.257	0.316	0.404	0.461	0.498	0.518	0.571	0.600	0.729
x_2	0.6995	0.7997	0.9000						
$\eta /(\text{mPa s})$	0.897	1.118	1.406						
$T / ^\circ\text{C} = 32.0$									77S1
x_2	0.0998	0.1994	0.2990	0.3491	0.3832	0.3990	0.4589	0.4940	0.5984
$\eta /(\text{mPa s})$	0.245	0.298	0.373	0.417	0.447	0.466	0.520	0.551	0.677
x_2	0.6995	0.7997	0.9000						
$\eta /(\text{mPa s})$	0.831	1.031	1.284						
$T / ^\circ\text{C} = 40.0$									77S1
x_2	0.0998	0.1994	0.2990	0.3491	0.3832	0.3990	0.4589	0.4940	0.5984
$\eta /(\text{mPa s})$	0.229	0.277	0.342	0.380	0.403	0.424	0.471	0.503	0.616
x_2	0.6995	0.7997	0.9000						
$\eta /(\text{mPa s})$	0.753	0.929	1.143						
2025	C₅H₁₂ (1)		pentane						109-66-0
	C₆H₆ (2)		benzene						71-43-2
$T / ^\circ\text{C} = 25.0$									71N1
x_2	0.1622	0.3515	0.4439	0.5608	0.6851	0.8001	0.9056		
$\eta /(\text{mPa s})$	0.241	0.274	0.295	0.328	0.375	0.434	0.505		
2026	C₅H₁₂ (1)		pentane						109-66-0
	C₆H₁₂ (2)		cyclohexane						110-82-7
$T / \text{K} = 298.15$									86A4
x_2	0.0000	0.0860	0.1702	0.2522	0.3357	0.4190	0.4916	0.5799	0.6616
$\eta /(\text{mPa s})$	0.2340	0.2542	0.2757	0.2988	0.3265	0.3597	0.3905	0.4315	0.4893
x_2	0.7339	0.8153	0.8944	0.9698	1.0000				
$\eta /(\text{mPa s})$	0.5458	0.6285	0.7176	0.8389	0.9062				
$T / ^\circ\text{C} = 20.0$									71N1
x_2	0.2248	0.3367	0.4743	0.6010	0.7202	0.8333			
$\eta /(\text{mPa s})$	0.287	0.327	0.390	0.466	0.561	0.685			
$T / ^\circ\text{C} = 25.0$									71N1
x_2	0.1760	0.3541	0.4788	0.6163	0.7478	0.8754			

$\eta /(\text{mPa s})$	0.264	0.321	0.372	0.447	0.544	0.680			
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2027	C₅H₁₂ (1) C₆H₁₄ (2)		pentane hexane						109-66-0 110-54-3
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$T/\text{K} = 298.15$									95A7
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x_1	0.0000	0.1045	0.2098	0.3107	0.4113	0.5105	0.6025	0.7041	0.7966
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$\eta /(\text{mPa s})$	0.2987	0.2898	0.2802	0.2724	0.2641	0.2574	0.2497	0.2432	0.2364
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x_1	0.8997	1.0000							
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$\eta /(\text{mPa s})$	0.2280	0.2230							
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2028	C₅H₁₂ (1) C₇H₁₆ (2)		pentane heptane						109-66-0 142-82-5
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$T/\text{K} = 298.15$									95A7
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x_1	0.0000	0.1046	0.2024	0.3087	0.4077	0.4979	0.5999	0.6624	0.7972
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$\eta /(\text{mPa s})$	0.3866	0.3691	0.3579	0.3325	0.3173	0.3004	0.2848	0.2762	0.2540
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x_1	0.8929	1.0000							
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$\eta /(\text{mPa s})$	0.2420	0.2230							
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2029	C₅H₁₂ (1) C₈H₁₇Cl (2)		pentane 1-chloro-octane						109-66-0 111-85-3
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$T/^\circ\text{C} = 25.0$									86A2
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x_1	0.0000	0.1047	0.2064	0.3057	0.4042	0.5005	0.6018	0.7019	0.8048
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$\eta /(\text{mPa s})$	1.131	0.9664	0.8559	0.7414	0.6389	0.5441	0.4631	0.3926	0.3240
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x_1	0.8982	1.0000							
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$\eta /(\text{mPa s})$	0.2747	0.2238							
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2030	C₅H₁₂ (1) C₈H₁₈ (2)		pentane octane						109-66-0 111-65-9
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$T/\text{K} = 297.95$									99B1
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x_1	0.0000	0.1048	0.1992	0.3044	0.4015	0.5066	0.5998	0.7095	0.8097
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$\eta /(\text{mPa s})$	0.5195	0.4645	0.4431	0.4126	0.3847	0.3498	0.3216	0.2978	0.2723
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x_1	0.8946								
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$\eta /(\text{mPa s})$	0.2443								
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$T/\text{K} = 313.05$									99B1
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x_1	0.0000	0.1048	0.1992	0.3044	0.4015	0.5066	0.5998	0.7095	
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$\eta /(\text{mPa s})$	0.4377	0.3939	0.3894	0.3676	0.3504	0.3205	0.2816	0.2604	
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$T/\text{K} = 328.05$									99B1
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x_1	0.00000.1048		0.1992	0.3044	0.4015				
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η /(mPa s)	0.3744	0.3436	0.3415	0.3255	0.3047					
T /K = 343.15										99B1
x_1	0.0000	0.1048	0.1992	0.3044						
η /(mPa s)	0.3171	0.2963	0.3004	0.2908						
T /K = 358.25										99B1
x_1	0.0000	0.1048	0.1992							
η /(mPa s)	0.2769	0.2603	0.2692							
T /K = 373.35										99B1
x_1	0.0000									
η /(mPa s)	0.2486									
A table is given in the original source 99B1 for pressures up to 24.6 MPa.										99B1
T /K = 298.15										95A7
x_1	0.0000	0.1059	0.1973	0.3019	0.4040	0.5019	0.6046	0.7015	0.8026	
η /(mPa s)	0.5094	0.4719	0.4439	0.4091	0.3806	0.3545	0.3228	0.2963	0.2702	
x_1	0.9035	1.0000								
η /(mPa s)	0.2454	0.2230								
2031	C₅H₁₂ (1) C₉H₂₀ (2)		pentane nonane							109-66-0 111-84-2
T /K = 298.15										95A7
x_1	0.0000	0.0925	0.1995	0.3080	0.4030	0.4861	0.6016	0.7020	0.8033	
η /(mPa s)	0.6600	0.6110	0.5548	0.5016	0.4556	0.4179	0.3691	0.3268	0.2892	
x_1	0.9040	1.0000								
η /(mPa s)	0.2538	0.2230								
2032	C₅H₁₂ (1) C₁₀H₂₂ (2)		pentane decane							109-66-0 124-18-5
T /K = 297.95										98E3
x_1	0.1031	0.2082	0.3062	0.4080	0.5061	0.6029	0.7058	0.8040		
η /(mPa s)	0.7711	0.6992	0.6136	0.5536	0.4708	0.4339	0.3667	0.3200		
x_1	0.9008	1.0000								
η /(mPa s)	0.2645	0.2141								
T /K = 313.05										98E3
x_1	0.1031	0.2082	0.3062	0.4080	0.5061	0.6029	0.7058	0.8040		
η /(mPa s)	0.6585	0.5949	0.5183	0.4627	0.4237	0.3664	0.3189	0.2801		
x_1	0.9008									
η /(mPa s)	0.2396									
T /K = 328.05										98E3

x_1	0.1031	0.2082	0.3062	0.4080	0.5061	0.6029	0.7058	0.8040	
$\eta /(\text{mPa s})$	0.5511	0.5014	0.4446	0.4143	0.3625	0.3268	0.2850	0.2432	
x_1	0.9008								
$\eta /(\text{mPa s})$	0.2206								
$T/\text{K} = 343.15$									98E3
x_1	0.1031	0.2082	0.3062	0.4080	0.5061	0.6029	0.7058		
$\eta /(\text{mPa s})$	0.4671	0.4279	0.3993	0.3574	0.3121	0.2753	0.2477		
$T/\text{K} = 358.25$									98E3
x_1	0.1031	0.2082	0.3062	0.4080	0.5061				
$\eta /(\text{mPa s})$	0.4113	0.3646	0.3525	0.3094	0.2821				
$T/\text{K} = 373.35$									98E3
x_1	0.1031	0.2082	0.3062	0.4080					
$\eta /(\text{mPa s})$	0.3692	0.3364	0.3043	0.2674					
A table is given in Ref. 98E3 for pressures up to 25 MPa.									98E3
$T/\text{K} = 298.15$									95A7
x_1	0.0000	0.1031	0.2082	0.3062	0.4080	0.5061	0.6029	0.7058	0.8040
$\eta /(\text{mPa s})$	0.8459	0.7775	0.6969	0.6169	0.5449	0.4818	0.4285	0.3626	0.3143
x_1	0.9008	1.0000							
$\eta /(\text{mPa s})$	0.2671	0.2230							
$T/^\circ\text{C} = 25.0$									66M1
x_2	0.0000	0.0747	0.1395	0.2116	0.2847	0.3715	0.4539	0.5813	0.7109
$\eta /(\text{mPa s})$	0.219	0.254	0.285	0.323	0.363	0.411	0.457	0.542	0.625
x_2	0.8317	1.0000							
$\eta /(\text{mPa s})$	0.714	0.850							
2033	C_5H_{12} (1) $\text{C}_{11}\text{H}_{24}$ (2)		pentane undecane						109-66-0 1120-21-4
$T/\text{K} = 298.15$									95A7
x_1	0.0000	0.0962	0.1826	0.2740	0.3680	0.4834	0.5738	0.6599	0.7461
$\eta /(\text{mPa s})$	1.0841	0.9653	0.8798	0.7841	0.6944	0.5825	0.5061	0.4333	0.3731
x_1	0.8967	1.0000							
$\eta /(\text{mPa s})$	0.2805	0.2230							
2034	C_5H_{12} (1) $\text{C}_{12}\text{H}_{26}$ (2)		pentane dodecane						109-66-0 112-40-3
$T/\text{K} = 298.15$									95A7
x_1	0.0000	0.1094	0.2073	0.2980	0.4078	0.5008	0.6031	0.7069	0.8062
$\eta /(\text{mPa s})$	1.3791	1.1941	1.0374	0.9143	0.7711	0.6622	0.5504	0.4481	0.3631

x_1	0.8991	1.0000
$\eta /(\text{mPa s})$	0.2925	0.2230

2035	C₅H₁₂ (1)	pentane	109-66-0
	C₁₆H₃₄ (2)	hexadecane	544-76-3

$T/\text{K} = 298.15$

95A7

x_1	0.0000	0.1111	0.2119	0.3099	0.4166	0.5122	0.6089	0.7034	0.8034
$\eta /(\text{mPa s})$	3.0930	2.5741	2.1701	1.8160	1.4566	1.1722	0.9218	0.7004	0.5086

x_1	0.9029	1.0000
$\eta /(\text{mPa s})$	0.3464	0.2230

2036	C₅H₁₂ (1)	pentane	109-66-0
	C₁₈H₃₇Cl (2)	1-chloro-octadecane	3386-33-2

$T/^\circ\text{C} = 25.0$

86A2

x_1	0.0000	0.1054	0.2014	0.3067	0.4166	0.4993	0.6122	0.7054	0.8048
$\eta /(\text{mPa s})$	7.335	6.009	4.945	3.902	2.952	2.325	1.613	1.157	0.7477

x_1	0.9029	1.0000
$\eta /(\text{mPa s})$	0.4310	0.2238

2037	C₅H₁₂O (1)	2-methoxy-2-methyl-propane	1634-04-4
	C₅H₁₂O (2)	pentan-1-ol	71-41-0

$T/\text{K} = 298.15$

99P1

x_1	0.0000	0.0301	0.0484	0.1133	0.1663	0.2109	0.2824	0.3286	0.3767
$\eta /(\text{mPa s})$	3.511	3.179	3.008	2.461	2.091	1.840	1.560	1.346	1.174

x_1	0.4229	0.4688	0.5137	0.5239	0.5817	0.6305	0.6824	0.7282	0.7788
$\eta /(\text{mPa s})$	1.052	0.939	0.843	0.843	0.725	0.653	0.587	0.538	0.487

x_1	0.8339	0.8897	0.9343	0.9822	1.0000
$\eta /(\text{mPa s})$	0.440	0.398	0.370	0.349	0.340

2038	C₅H₁₂O (1)	3-methyl-butan-1-ol	123-51-3
	C₆H₅F (2)	fluorobenzene	462-06-6

$T/\text{K} = 298.15$

91A1

x_2	0.0000	0.1046	0.2063	0.3038	0.3999	0.5028	0.6006	0.6971	0.8001
$\eta /(\text{mPa s})$	3.6827	2.7639	2.1833	1.6699	1.3460	1.0764	0.9041	0.7780	0.6771

x_2	0.8976	1.0000
$\eta /(\text{mPa s})$	0.6148	0.5821

$T/\text{K} = 303.15$

91A1

x_2	0.0000	0.1046	0.2063	0.3038	0.3999	0.5028	0.6006	0.6971	0.8001
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η /(mPa s)	3.1412	2.3999	1.9068	1.4778	1.2035	0.9766	0.8286	0.7205	0.6333
x_2	0.8976	1.0000							
η /(mPa s)	0.5780	0.5501							
T /K = 308.15									91A1
x_2	0.0000	0.1046	0.2063	0.3038	0.3999	0.5028	0.6006	0.6971	0.8001
η /(mPa s)	2.7083	2.0313	1.6675	1.3117	1.0855	0.8868	0.7612	0.6681	0.5925
x_2	0.8976	1.0000							
η /(mPa s)	0.5444	0.5193							
T /K = 313.15									91A1
x_2	0.0000	0.1046	0.2063	0.3038	0.3999	0.5028	0.6006	0.6971	0.8001
η /(mPa s)	2.3316	1.7742	1.4700	1.1640	0.9714	0.8068	0.7000	0.6183	0.5524
x_2	0.8976	1.0000							
η /(mPa s)	0.5113	0.4910							
2039	C₅H₁₂O (1)	C₆H₅NO₂ (2)	3-methyl-butan-1-ol				123-51-3		
			nitrobenzene				98-95-3		
T /°C = 25.0									91J2
x_2	0.0000	0.1072	0.2146	0.3164	0.4166	0.5182	0.6163	0.7143	0.8093
η /(mPa s)	3.6381	2.8189	2.3660	2.0983	1.9082	1.7681	1.6759	1.6176	1.6001
x_2	0.9039	1.0000							
η /(mPa s)	1.6099	1.7684							
T /°C = 30.0									91J2
x_2	0.0000	0.1072	0.2146	0.3164	0.4166	0.5182	0.6163	0.7143	0.8093
η /(mPa s)	3.1292	2.4250	2.0738	1.8535	1.6914	1.5962	1.5288	1.4706	1.4628
x_2	0.9039	1.0000							
η /(mPa s)	1.4850	1.6201							
T /°C = 35.0									91J2
x_2	0.0000	0.1072	0.2146	0.3164	0.4166	0.5182	0.6163	0.7143	0.8093
η /(mPa s)	2.7423	2.1399	1.8733	1.6889	1.5486	1.4662	1.4091	1.3682	1.3714
x_2	0.9039	1.0000							
η /(mPa s)	1.3947	1.5274							
T /°C = 40.0									91J2
x_2	0.0000	0.1072	0.2146	0.3164	0.4166	0.5182	0.6163	0.7143	0.8093
η /(mPa s)	2.2829	1.8032	1.5947	1.4443	1.3395	1.2810	1.2366	1.2018	1.2221
x_2	0.9039	1.0000							
η /(mPa s)	1.2438	1.3544							
T /°C = 0.0									11D1
w_1	0.0000	0.0994	0.2998	0.5000	0.7001	0.9002	1.0000		
η /(mPa s)	3.028	2.865	3.344	4.211	5.263	7.236	8.834		

$T/^\circ\text{C} = 80.0$

11D1

w_1	0.0000	0.1006	0.3003	0.4996	0.7003	0.9002	1.0000		
$\eta /(\text{mPa s})$	0.831	0.746	0.694	0.697	0.749	0.816	0.807		

2040 **C₅H₁₂O (1)**
C₆H₆ (2)

3-methyl-butan-1-ol
benzene

123-51-3
71-43-2

 $T/\text{K} = 288.15$

93S1

x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	0.694	0.725	0.759	0.797	0.838	0.885	0.936	0.994	1.060
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	1.135	1.221	1.321	1.440	1.581	1.754	1.969	2.244	2.609
x_2	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	3.115	3.864	5.089						

 $T/\text{K} = 293.15$

93S1

x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	0.645	0.673	0.705	0.739	0.777	0.819	0.866	0.919	0.979
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	1.046	1.124	1.214	1.321	1.447	1.600	1.789	2.030	2.345
x_2	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	2.775	3.399	4.385						

 $T/\text{K} = 298.15$

93S1

x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	0.601	0.627	0.656	0.688	0.723	0.761	0.804	0.852	0.906
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	0.967	1.037	1.119	1.214	1.326	1.462	1.629	1.838	2.110
x_2	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	2.476	2.995	3.790						

 $T/\text{K} = 303.15$

93S1

x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	0.562	0.586	0.612	0.641	0.673	0.708	0.748	0.791	0.840
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	0.896	0.960	1.033	1.118	1.219	1.339	1.486	1.670	1.905
x_2	0.90	0.95	1.00						
$\eta /(\text{mPa s})$	2.217	2.651	3.296						

 $T/\text{K} = 308.15$

93S1

x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
$\eta /(\text{mPa s})$	0.526	0.548	0.573	0.600	0.629	0.661	0.697	0.737	0.782
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
$\eta /(\text{mPa s})$	0.832	0.890	0.956	1.032	1.122	1.230	1.359	1.520	1.723
x_2	0.90	0.95	1.00						

η /(mPa s)	1.990	2.354	2.881						
$T/K = 313.15$									93S1
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
η /(mPa s)	0.494	0.515	0.537	0.562	0.589	0.618	0.651	0.688	0.728
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
η /(mPa s)	0.774	0.826	0.886	0.955	1.036	1.131	1.246	1.386	1.563
x_2	0.90	0.95	1.00						
η /(mPa s)	1.791	2.097	2.529						
$T/K = 318.15$									93S1
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
η /(mPa s)	0.465	0.484	0.505	0.527	0.552	0.580	0.610	0.643	0.680
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
η /(mPa s)	0.722	0.769	0.823	0.885	0.957	1.042	1.144	1.267	1.421
x_2	0.90	0.95	1.00						
η /(mPa s)	1.616	1.874	2.230						
$T/K = 323.15$									93S1
x_2	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
η /(mPa s)	0.438	0.456	0.475	0.496	0.519	0.544	0.572	0.602	0.636
x_2	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85
η /(mPa s)	0.674	0.717	0.766	0.822	0.887	0.962	1.052	1.161	1.294
x_2	0.90	0.95	1.00						
η /(mPa s)	1.462	1.680	1.974						
2041	C₅H₁₂O (1) C₆H₆ (2)		pentan-1-ol benzene						71-41-0 71-43-2
$T/^\circ\text{C} = 25.0$									48J1
w_1	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
η /(mPa s)	0.603	0.616	0.641	0.709	0.936	1.132	1.360	1.963	3.347
2042	C₅H₁₂O (1) C₆H₁₀O (2)		pentan-1-ol cyclohexanone						71-41-0 108-94-1
$T/^\circ\text{C} = 30.0$									77R1
x_2	0.0000	0.1012	0.2586	0.4201	0.5809	0.7407	0.9001	1.0000	
η /(mPa s)	3.012	2.388	1.983	1.737	1.622	1.565	1.635	1.778	
2043	C₅H₁₂O (1) C₆H₁₂ (2)		pentan-1-ol cyclohexane						71-41-0 110-82-7
$T/^\circ\text{C} = 25.0$									65B1

x_1	0.0000	0.0229	0.0543	0.1400	0.2319	0.3975	0.5045	0.6384	0.7129
η /(mPa s)	0.889	0.889	0.908	0.991	1.064	1.326	1.548	1.974	2.264
x_1	0.8283	0.9040	1.0000						
η /(mPa s)	2.738	3.066	3.556						
T /°C = 35.0									65B1
x_1	0.0000	0.0229	0.0543	0.1400	0.2319	0.3975	0.5045	0.6384	0.7129
η /(mPa s)	0.763	0.757	0.772	0.822	0.894	1.078	1.248	1.537	1.732
x_1	0.8283	0.9040	1.0000						
η /(mPa s)	2.090	2.355	2.724						
T /°C = 45.0									65B1
x_1	0.0000	0.0229	0.0543	0.1400	0.2319	0.3975	0.5045	0.6384	0.7129
η /(mPa s)	0.655	0.649	0.658	0.694	0.758	0.883	1.010	1.227	1.364
x_1	0.8283	0.9040	1.0000						
η /(mPa s)	1.628	1.802	2.074						
T /°C = 55.0									65B1
x_1	0.0000	0.0229	0.0543	0.1400	0.2319	0.3975	0.5045	0.6384	0.7129
η /(mPa s)	0.568	0.562	0.568	0.596	0.637	0.743	0.832	0.995	1.101
x_1	0.8283	0.9040	1.0000						
η /(mPa s)	1.291	1.417	1.611						

2044	C₅H₁₂O (1)	2-methyl-butan-2-ol								75-85-4
	C₆H₁₂O (2)	3-methyl-pentan-2-one								565-61-7
T /°C = 25.0									86R2	
x_2	0.0000	0.1053	0.1952	0.3050	0.4324	0.4950	0.6000	0.7004	0.7937	
η /(mPa s)	3.52	2.50	1.77	1.37	1.05	0.950	0.813	0.719	0.641	
x_2	0.9001	1.0000								
η /(mPa s)	0.589	0.543								
T /°C = 30.0									86R2	
x_2	0.0000	0.1053	0.1952	0.3050	0.4324	0.4950	0.6000	0.7004	0.7937	
η /(mPa s)	2.87	2.11	1.52	1.21	0.946	0.866	0.747	0.671	0.603	
x_2	0.9001	1.0000								
η /(mPa s)	0.558	0.519								
T /°C = 35.0									86R2	
x_2	0.0000	0.1053	0.1952	0.3050	0.4324	0.4950	0.6000	0.7004	0.7937	
η /(mPa s)	2.37	1.79	1.32	1.07	0.956	0.786	0.690	0.627	0.569	
x_2	0.9001	1.0000								
η /(mPa s)	0.529	0.493								
T /°C = 40.0									86R2	
x_2	0.0000	0.1053	0.1952	0.3050	0.4324	0.4950	0.6000	0.7004	0.7937	
η /(mPa s)	1.96	1.52	1.15	0.951	0.776	0.721	0.640	0.587	0.538	

x_2	0.9001	1.0000
$\eta /(\text{mPa s})$	0.503	0.467

2045	C₅H₁₂O (1)	3-methyl-butan-1-ol	123-51-3
	C₆H₁₂O (2)	3-methyl-pentan-2-one	565-61-7

$T / ^\circ\text{C} = 25.0$									86R2
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x_2	0.0000	0.1006	0.2027	0.3201	0.3948	0.5073	0.6072	0.7013	0.8032
$\eta /(\text{mPa s})$	3.48	2.58	1.89	1.40	1.20	0.965	0.839	0.728	0.648

x_2	0.8927	1.0000
$\eta /(\text{mPa s})$	0.595	0.543

$T / ^\circ\text{C} = 30.0$									86R2
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x_2	0.0000	0.1006	0.2027	0.3201	0.3948	0.5073	0.6072	0.7013	0.8032
$\eta /(\text{mPa s})$	2.95	2.26	1.69	1.28	1.10	0.903	0.781	0.682	0.617

x_2	0.8927	1.0000
$\eta /(\text{mPa s})$	0.566	0.519

$T / ^\circ\text{C} = 35.0$									86R2
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x_2	0.0000	0.1006	0.2027	0.3201	0.3948	0.5073	0.6072	0.7013	0.8032
$\eta /(\text{mPa s})$	2.53	1.99	1.51	1.17	1.01	0.837	0.728	0.640	0.579

x_2	0.8927	1.0000
$\eta /(\text{mPa s})$	0.534	0.493

$T / ^\circ\text{C} = 40.0$									86R2
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x_2	0.0000	0.1006	0.2027	0.3201	0.3948	0.5073	0.6072	0.7013	0.8032
$\eta /(\text{mPa s})$	2.21	1.75	1.36	1.05	0.926	0.766	0.681	0.602	0.545

x_2	0.8927	1.0000
$\eta /(\text{mPa s})$	0.506	0.467

$T / \text{K} = 298.15$									86R1
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x_2	0.0000	0.1006	0.2027	0.3201	0.3948	0.5073	0.6072	0.7013	0.8032
$\eta /(\text{mPa s})$	3.48	2.58	1.89	1.40	1.20	0.965	0.839	0.728	0.648

x_2	0.8927	1.0000
$\eta /(\text{mPa s})$	0.595	0.543

2046	C₅H₁₂O (1)	pentan-1-ol	71-41-0
	C₆H₁₂O (2)	3-methyl-pentan-2-one	565-61-7

$T / ^\circ\text{C} = 25.0$									86R2
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x_2	0.0000	0.1011	0.1974	0.3040	0.4023	0.5022	0.6064	0.7079	0.7955
$\eta /(\text{mPa s})$	3.35	2.47	1.89	1.46	1.20	1.00	0.856	0.738	0.668

x_2	0.8962	1.0000
$\eta /(\text{mPa s})$	0.592	0.543

$T/^\circ\text{C} = 30.0$										86R2
x_2	0.0000	0.1011	0.1974	0.3040	0.4023	0.5022	0.6064	0.7079	0.7955	
$\eta/(\text{mPa s})$	3.00	2.20	1.70	1.32	1.10	0.919	0.792	0.694	0.624	
x_2	0.8962	1.0000								
$\eta/(\text{mPa s})$	0.558	0.519								
$T/^\circ\text{C} = 35.0$										86R2
x_2	0.0000	0.1011	0.1974	0.3040	0.4023	0.5022	0.6064	0.7079	0.7955	
$\eta/(\text{mPa s})$	2.63	1.96	1.53	1.20	1.01	0.846	0.735	0.646	0.589	
x_2	0.8962	1.0000								
$\eta/(\text{mPa s})$	0.530	0.493								
$T/^\circ\text{C} = 40.0$										86R2
x_2	0.0000	0.1011	0.1974	0.3040	0.4023	0.5022	0.6064	0.7079	0.7955	
$\eta/(\text{mPa s})$	2.30	1.75	1.38	1.09	0.915	0.781	0.683	0.601	0.555	
x_2	0.8962	1.0000								
$\eta/(\text{mPa s})$	0.501	0.467								
$T/\text{K} = 298.15$										86R1
x_2	0.0000	0.1011	0.1974	0.3040	0.4023	0.5022	0.6064	0.7079	0.7955	
$\eta/(\text{mPa s})$	3.35	2.47	1.89	1.46	1.20	1.00	0.856	0.738	0.668	
x_2	0.8962	1.0000								
$\eta/(\text{mPa s})$	0.592	0.543								

2047 **C₅H₁₂O (1)** **pentan-2-ol** **6032-29-7**
C₆H₁₂O (2) **3-methyl-pentan-2-one** **565-61-7**

$T/^\circ\text{C} = 25.0$										86R2
x_2	0.0000	0.1036	0.2131	0.3003	0.3959	0.5098	0.5963	0.6924	0.7942	
$\eta/(\text{mPa s})$	3.45	2.26	1.61	1.32	1.12	0.924	0.821	0.712	0.646	
x_2	0.9001	1.0000								
$\eta/(\text{mPa s})$	0.589	0.543								
$T/^\circ\text{C} = 30.0$										86R2
x_2	0.0000	0.1036	0.2131	0.3003	0.3959	0.5098	0.5963	0.6924	0.7942	
$\eta/(\text{mPa s})$	2.77	1.93	1.41	1.16	1.01	0.848	0.760	0.664	0.607	
x_2	0.9001	1.0000								
$\eta/(\text{mPa s})$	0.557	0.519								
$T/^\circ\text{C} = 35.0$										86R2
x_2	0.0000	0.1036	0.2131	0.3003	0.3959	0.5098	0.5963	0.6924	0.7942	
$\eta/(\text{mPa s})$	2.32	1.65	1.25	1.05	0.910	0.780	0.705	0.620	0.571	
x_2	0.9001	1.0000								
$\eta/(\text{mPa s})$	0.527	0.493								
$T/^\circ\text{C} = 40.0$										86R2

x_2	0.0000	0.1036	0.2131	0.3003	0.3959	0.5098	0.5963	0.6924	0.7942
$\eta /(\text{mPa s})$	1.92	1.41	1.10	0.965	0.837	0.718	0.658	0.601	0.553
x_2	0.9001	1.0000							
$\eta /(\text{mPa s})$	0.502	0.467							

2048 **C₅H₁₂O (1)** **3-methyl-butan-1-ol** **123-51-3**
C₆H₁₂O₂ (2) **acetic acid butyl ester** **123-86-4**

$T/\text{K} = 303.15$ 96R2

x_2	0.1028	0.2009	0.2990	0.3476	0.4839	0.5959	0.6381	0.8081	0.8681
$\eta^E /(\text{mPa s})$	-0.704	-1.235	-1.610	-1.746	-1.923	-1.863	-1.786	-1.197	-0.886

$T/^\circ\text{C} = 35.0$ 71T1

x_2	0.0000	0.0998	0.2003	0.3001	0.3999	0.4998	0.5999	0.6997	0.8002
$\eta /(\text{mPa s})$	2.8153	2.631	2.091	1.715	1.418	1.221	1.019	0.917	0.811

x_2	0.9002	1.0000							
$\eta /(\text{mPa s})$	0.734	0.6042							

2049 **C₅H₁₂O (1)** **pentan-1-ol** **71-41-0**
C₆H₁₂O₂ (2) **acetic acid butyl ester** **123-86-4**

$T/\text{K} = 303.15$ 96R2

x_2	0.1019	0.1527	0.3215	0.3648	0.5389	0.6215	0.7004	0.7907	0.8609
$\eta^E /(\text{mPa s})$	-0.699	-0.996	-1.675	-1.784	-1.914	-1.820	-1.623	-1.277	-0.927

2050 **C₅H₁₂O (1)** **2-methyl-butan-2-ol** **75-85-4**
C₆H₁₄ (2) **hexane** **110-54-3**

$T/^\circ\text{C} = 20.0$ 79R1

x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.302	0.306	0.329	0.382	0.445	0.540	0.724	0.958	1.410

x_1	0.90	1.00							
$\eta /(\text{mPa s})$	2.141	3.535							

$T/^\circ\text{C} = 30.0$ 79R1

x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.293	0.280	0.294	0.337	0.396	0.457	0.607	0.776	1.090

x_1	0.90	1.00							
$\eta /(\text{mPa s})$	1.493	2.355							

$T/^\circ\text{C} = 40.0$ 79R1

x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.247	0.247	0.266	0.297	0.346	0.393	0.532	0.643	0.859

x_1	0.90	1.00							
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η /(mPa s)	1.124	1.592							
T /°C = 50.0									79R1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.226	0.228	0.247	0.266	0.308	0.334	0.438	0.515	0.692
x_1	0.90	1.00							
η /(mPa s)	0.890	1.160							
T /°C = 60.0									79R1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.216	0.220	0.238	0.247	0.277	0.297	0.369	0.436	0.574
x_1	0.90	1.00							
η /(mPa s)	0.697	0.864							
T /K = 293.15									79R2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.308	0.312	0.335	0.390	0.454	0.551	0.738	0.977	1.438
x_1	0.90	1.00							
η /(mPa s)	2.183	3.605							
T /K = 303.15									79R2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.278	0.286	0.300	0.344	0.404	0.466	0.619	0.791	1.112
x_1	0.90	1.00							
η /(mPa s)	1.522	2.401							
T /K = 313.15									79R2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.252	0.252	0.271	0.303	0.353	0.401	0.543	0.656	0.876
x_1	0.90	1.00							
η /(mPa s)	1.146	1.623							
T /K = 323.15									79R2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.230	0.235	0.252	0.271	0.314	0.341	0.447	0.525	0.706
x_1	0.90	1.00							
η /(mPa s)	0.908	1.183							
T /K = 333.15									79R2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.220	0.224	0.243	0.252	0.282	0.303	0.376	0.445	0.585
x_1	0.90	1.00							
η /(mPa s)	0.711	0.881							

2051 **C₅H₁₂O (1)**
C₆H₁₄ (2)

pentan-1-ol
hexane

71-41-0
110-54-3

$T/K = 273.15$										75S2
x_1	0.0000	0.1034	0.2086	0.3140	0.4020	0.5014	0.5982	0.6987	0.7887	
$\eta /(\text{mPa s})$	0.383	0.395	0.438	0.546	0.681	0.976	1.31	2.15	2.83	
x_1	0.8923	1.0000								
$\eta /(\text{mPa s})$	4.32	5.89								
$T/K = 293.15$										75S2
x_1	0.0000	0.1034	0.2086	0.3140	0.4020	0.5014	0.5982	0.6987	0.7887	
$\eta /(\text{mPa s})$	0.308	0.312	0.348	0.446	0.533	0.688	0.926	1.31	1.65	
x_1	0.8923	1.0000								
$\eta /(\text{mPa s})$	2.43	3.302								
$T/K = 313.15$										75S2
x_1	0.0000	0.1034	0.2086	0.3140	0.4020	0.5014	0.5982	0.6987	0.7887	
$\eta /(\text{mPa s})$	0.264	0.271	0.289	0.353	0.406	0.495	0.629	0.862	1.06	
x_1	0.8923	1.0000								
$\eta /(\text{mPa s})$	1.46	1.899								
$T/K = 333.15$										75S2
x_1	0.0000	0.1034	0.2086	0.3140	0.4020	0.5014	0.5982	0.6987	0.7887	
$\eta /(\text{mPa s})$	0.221	0.240	0.251	0.290	0.321	0.372	0.458	0.590	0.700	
x_1	0.8923	1.0000								
$\eta /(\text{mPa s})$	0.974	1.164								
$T/K = 273.15$										75S3
x_1	0.0000	0.1034	0.2086	0.3140	0.4020	0.5014	0.5982	0.6987	0.7887	
$\eta /(\text{mPa s})$	0.383	0.395	0.438	0.546	0.681	0.976	1.31	2.15	2.83	
x_1	0.8923	1.0000								
$\eta /(\text{mPa s})$	4.32	5.89								
$T/K = 293.15$										75S3
x_1	0.0000	0.1034	0.2086	0.3140	0.4020	0.5014	0.5982	0.6987	0.7887	
$\eta /(\text{mPa s})$	0.308	0.312	0.348	0.446	0.533	0.688	0.926	1.31	1.65	
x_1	0.8923	1.0000								
$\eta /(\text{mPa s})$	2.43	3.302								
$T/K = 313.15$										75S3
x_1	0.0000	0.1034	0.2086	0.3140	0.4020	0.5014	0.5982	0.6987	0.7887	
$\eta /(\text{mPa s})$	0.264	0.271	0.289	0.353	0.406	0.495	0.629	0.862	1.06	
x_1	0.8923	1.0000								
$\eta /(\text{mPa s})$	1.46	1.899								
$T/K = 333.15$										75S3
x_1	0.0000	0.1034	0.2086	0.3140	0.4020	0.5014	0.5982	0.6987	0.7887	
$\eta /(\text{mPa s})$	0.221	0.240	0.251	0.290	0.321	0.372	0.458	0.590	0.700	
x_1	0.8923	1.0000								
$\eta /(\text{mPa s})$	0.974	1.164								

$T/^\circ\text{C} = 25.0$									65B1
x_2	0.0000	0.0122	0.0218	0.0272	0.0424	0.0642	0.0706	0.0889	0.0978
$\eta/(\text{mPa s})$	0.299	0.302	0.305	0.307	0.312	0.321	0.324	0.333	0.337
x_2	0.1240	0.1377	0.1474	0.1677	0.1838	0.1966	0.2033	0.2353	0.3342
$\eta/(\text{mPa s})$	0.350	0.357	0.362	0.371	0.382	0.390	0.395	0.423	0.518
x_2	0.4494	0.5434	0.6407	0.7344	0.8437	0.9129	1.0000		
$\eta/(\text{mPa s})$	0.677	0.873	1.190	1.555	2.164	2.715	3.556		
$T/^\circ\text{C} = 40.0$									65B1
x_2	0.0000	0.1677	0.2353	0.3342	0.4494	0.5434	0.6407	0.7344	0.8437
$\eta/(\text{mPa s})$	0.260	0.318	0.356	0.427	0.545	0.668	0.893	1.134	1.500
x_2	0.9129	1.0000							
$\eta/(\text{mPa s})$	1.834	2.368							
$T/^\circ\text{C} = 55.0$									65B1
x_2	0.0000	0.1677	0.2353	0.3342	0.4494	0.5434	0.6407	0.7344	0.8437
$\eta/(\text{mPa s})$	0.228	0.272	0.303	0.357	0.438	0.551	0.686	0.829	1.080
x_2	0.9129	1.0000							
$\eta/(\text{mPa s})$	1.299	1.611							
2052	C₅H₁₂O (1)		pentan-2-ol					6032-29-7	
	C₆H₁₄ (2)		hexane					110-54-3	
$T/^\circ\text{C} = 20.0$									79R1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.302	0.304	0.351	0.428	0.633	0.793	1.092	1.563	2.082
x_1	0.90	1.00							
$\eta/(\text{mPa s})$	2.843	3.742							
$T/^\circ\text{C} = 30.0$									79R1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.293	0.280	0.310	0.382	0.537	0.682	0.878	1.228	1.588
x_1	0.90	1.00							
$\eta/(\text{mPa s})$	1.965	2.677							
$T/^\circ\text{C} = 40.0$									79R1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.247	0.249	0.277	0.360	0.440	0.544	0.802	0.967	1.210
x_1	0.90	1.00							
$\eta/(\text{mPa s})$	1.484	2.014							
$T/^\circ\text{C} = 50.0$									79R1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	0.226	0.228	0.254	0.310	0.385	0.472	0.634	0.805	0.981
x_1	0.90	1.00							

η /(mPa s)	1.138	1.466							
$T/^\circ\text{C} = 60.0$									
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.207	0.220	0.229	0.261	0.330	0.454	0.548	0.666	0.844
x_1	0.90	1.00							
η /(mPa s)	0.991	1.196							
$T/\text{K} = 293.15$									
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.308	0.310	0.358	0.436	0.645	0.809	1.114	1.594	2.123
x_1	0.90	1.00							
η /(mPa s)	2.899	3.816							
$T/\text{K} = 303.15$									
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.278	0.286	0.316	0.390	0.548	0.695	0.895	1.252	1.619
x_1	0.90	1.00							
η /(mPa s)	2.004	2.730							
$T/\text{K} = 313.15$									
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.252	0.254	0.282	0.367	0.449	0.555	0.818	0.986	1.234
x_1	0.90	1.00							
η /(mPa s)	1.513	2.054							
$T/\text{K} = 323.15$									
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.230	0.233	0.259	0.316	0.393	0.481	0.646	0.821	1.000
x_1	0.90	1.00							
η /(mPa s)	1.160	1.495							
$T/\text{K} = 333.15$									
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.211	0.224	0.234	0.266	0.337	0.463	0.559	0.679	0.816
x_1	0.90	1.00							
η /(mPa s)	1.011	1.220							

2053	C₅H₁₂O (1)	pentan-1-ol							71-41-0
	C₆H₁₄O (2)	2-methoxy-2-methyl-butane							994-05-8
$T/\text{K} = 298.15$									
x_2	0.0000	0.0219	0.0388	0.0752	0.1143	0.1631	0.2110	0.2721	0.3347
η /(mPa s)	3.511	3.286	3.133	2.891	2.511	2.192	1.930	1.651	1.417
x_2	0.3464	0.3850	0.4353	0.4908	0.5534	0.6141	0.6759	0.7266	0.8027
η /(mPa s)	1.374	1.260	1.125	1.003	0.886	0.789	0.710	0.652	0.579

x_2	0.8732	0.9484	0.9936	1.0000
η /(mPa s)	0.521	0.469	0.441	0.438

2054	C₅H₁₂O (1) C₇H₈ (2)	pentan-1-ol toluene	71-41-0 108-88-3
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T /°C = 30.0									91R3
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x_2	0.0000	0.0983	0.2032	0.3420	0.4844	0.6421	0.7445	0.8508	0.9445
η /(mPa s)	2.9059	2.2797	1.7902	1.3137	0.9635	0.7421	0.6514	0.5797	0.5383

x_2	1.0000
η /(mPa s)	0.5284

2055	C₅H₁₂O (1) C₇H₈O (2)	2-methyl-butan-1-ol methoxybenzene	137-32-6 100-66-3
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T /K = 303.15									99W3
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x_2	0.0000	0.1005	0.2004	0.3003	0.4012	0.5001	0.6005	0.6996	0.8001
η /(mPa s)	3.594	2.761	2.126	1.665	1.347	1.149	1.032	0.968	0.932

x_2	0.9003	1.0000
η /(mPa s)	0.912	0.908

T /K = 313.15									99W3
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x_2	0.0000	0.1005	0.2004	0.3003	0.4012	0.5001	0.6005	0.6996	0.8001
η /(mPa s)	2.601	2.026	1.601	1.296	1.084	0.952	0.868	0.824	0.803

x_2	0.9003	1.0000
η /(mPa s)	0.794	0.786

T /K = 323.15									99W3
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x_2	0.0000	0.1005	0.2004	0.3003	0.4012	0.5001	0.6005	0.6996	0.8001
η /(mPa s)	1.936	1.552	1.246	1.022	0.872	0.784	0.739	0.718	0.707

x_2	0.9003	1.0000
η /(mPa s)	0.698	0.691

2056	C₅H₁₂O (1) C₇H₈O (2)	2-methyl-butan-2-ol methoxybenzene	75-85-4 100-66-3
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T /K = 303.15									99W3
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x_2	0.0000	0.1000	0.2000	0.2997	0.4001	0.5007	0.5997	0.7012	0.8005
η /(mPa s)	2.854	2.246	1.792	1.463	1.232	1.079	0.988	0.941	0.922

x_2	0.9000	1.0000
η /(mPa s)	0.917	0.908

T /K = 313.15									99W3
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x_2	0.0000	0.1000	0.2000	0.2997	0.4001	0.5007	0.5997	0.7012	0.8005
η /(mPa s)	1.976	1.623	1.339	1.126	0.976	0.885	0.831	0.808	0.799

x_2	0.9000	1.0000
$\eta /(\text{mPa s})$	0.792	0.786

$T/\text{K} = 323.15$

99W3

x_2	0.0000	0.1000	0.2000	0.2997	0.4001	0.5007	0.5997	0.7012	0.8005
$\eta /(\text{mPa s})$	1.416	1.206	1.023	0.885	0.798	0.751	0.730	0.719	0.709

x_2	0.9000	1.0000
$\eta /(\text{mPa s})$	0.697	0.691

2057 **C₅H₁₂O (1)** **3-methyl-butan-1-ol** **123-51-3**
C₇H₈O (2) **methoxybenzene** **100-66-3**

$T/\text{K} = 303.15$

99W3

x_2	0.0000	0.1002	0.2000	0.3005	0.3997	0.5004	0.6014	0.7004	0.8003
$\eta /(\text{mPa s})$	3.191	2.520	2.023	1.657	1.401	1.216	1.087	0.999	0.944

x_2	0.9008	1.0000
$\eta /(\text{mPa s})$	0.916	0.908

$T/\text{K} = 313.15$

99W3

x_2	0.0000	0.1002	0.2000	0.3005	0.3997	0.5004	0.6014	0.7004	0.8003
$\eta /(\text{mPa s})$	2.391	1.905	1.545	1.283	1.101	0.974	0.893	0.843	0.816

x_2	0.9008	1.0000
$\eta /(\text{mPa s})$	0.801	0.786

$T/\text{K} = 323.15$

99W3

x_2	0.0000	0.1002	0.2000	0.3005	0.3997	0.5004	0.6014	0.7004	0.8003
$\eta /(\text{mPa s})$	1.827	1.484	1.224	1.036	0.908	0.823	0.769	0.735	0.715

x_2	0.9008	1.0000
$\eta /(\text{mPa s})$	0.701	0.691

2058 **C₅H₁₂O (1)** **3-methyl-butan-1-ol** **123-51-3**
C₇H₈O (2) **phenylmethanol** **100-51-6**

$T/\text{K} = 303.15$

87I1

x_2	0.000	0.105	0.210	0.310	0.412	0.512	0.612	0.710	0.810
$\eta /(\text{mPa s})$	3.064	2.994	3.010	3.060	3.129	3.241	3.380	3.510	3.710

x_2	0.904	1.000
$\eta /(\text{mPa s})$	3.929	4.211

2059 **C₅H₁₂O (1)** **3-methyl-butan-2-ol** **598-75-4**
C₇H₈O (2) **methoxybenzene** **100-66-3**

$T/\text{K} = 303.15$

99W3

x_2	0.0000	0.1006	0.2007	0.3004	0.4000	0.5008	0.6009	0.6997	0.8003
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η /(mPa s)	3.163	2.405	1.858	1.476	1.223	1.067	0.981	0.937	0.919
x_2	0.8998	1.0000							
η /(mPa s)	0.913	0.908							
T /K = 313.15									99W3
x_2	0.0000	0.1006	0.2007	0.3004	0.4000	0.5008	0.6009	0.6997	0.8003
η /(mPa s)	2.185	1.731	1.397	1.157	0.991	0.889	0.832	0.808	0.799
x_2	0.8998	1.0000							
η /(mPa s)	0.794	0.786							
T /K = 323.15									99W3
x_2	0.0000	0.1006	0.2007	0.3004	0.4000	0.5008	0.6009	0.6997	0.8003
η /(mPa s)	1.573	1.273	1.066	0.925	0.830	0.771	0.736	0.718	0.707
x_2	0.8998	1.0000							
η /(mPa s)	0.699	0.691							
2060	C₅H₁₂O (1) C₇H₈O (2)		pentan-1-ol methoxybenzene						71-41-0 100-66-3
T /K = 303.15									99W1
x_2	0.0000	0.1000	0.1998	0.3002	0.4001	0.5000	0.6002	0.6999	0.8001
η /(mPa s)	3.056	2.369	1.911	1.658	1.447	1.260	1.109	1.046	0.952
x_2	0.9000	1.0000							
η /(mPa s)	0.914	0.908							
T /K = 313.15									99W1
x_2	0.0000	0.1000	0.1998	0.3002	0.4001	0.5000	0.6002	0.6999	0.8001
η /(mPa s)	2.361	1.841	1.522	1.326	1.173	1.022	0.929	0.862	0.814
x_2	0.9000	1.0000							
η /(mPa s)	0.791	0.786							
T /K = 323.15									99W1
x_2	0.0000	0.1000	0.1998	0.3002	0.4001	0.5000	0.6002	0.6999	0.8001
η /(mPa s)	1.765	1.403	1.172	1.062	0.953	0.853	0.792	0.745	0.708
x_2	0.9000	1.0000							
η /(mPa s)	0.696	0.691							
2061	C₅H₁₂O (1) C₇H₈O (2)		pentan-2-ol methoxybenzene						6032-29-7 100-66-3
T /K = 303.15									99W3
x_2	0.0000	0.1007	0.2007	0.3001	0.4004	0.5005	0.5991	0.6973	0.7980
η /(mPa s)	2.888	2.097	1.590	1.279	1.095	0.998	0.951	0.931	0.924
x_2	0.8970	1.0000							
η /(mPa s)	0.919	0.908							

$T/K = 313.15$									99W3
x_2	0.0000	0.1007	0.2007	0.3001	0.4004	0.5005	0.5991	0.6973	0.7980
$\eta /(\text{mPa s})$	2.017	1.557	1.234	1.025	0.903	0.845	0.823	0.816	0.811
x_2	0.8970	1.0000							
$\eta /(\text{mPa s})$	0.801	0.786							
$T/K = 323.15$									99W3
x_2	0.0000	0.1007	0.2007	0.3001	0.4004	0.5005	0.5991	0.6973	0.7980
$\eta /(\text{mPa s})$	1.466	1.202	1.014	0.887	0.803	0.753	0.725	0.711	0.704
x_2	0.8970	1.0000							
$\eta /(\text{mPa s})$	0.697	0.691							
2062	C₅H₁₂O (1) C₇H₈O (2)		pentan-3-ol methoxybenzene						584-02-1 100-66-3
$T/K = 303.15$									99W3
x_2	0.0000	0.1007	0.2006	0.3001	0.3996	0.5000	0.5999	0.6973	0.7998
$\eta /(\text{mPa s})$	3.852	2.787	2.046	1.547	1.238	1.062	0.976	0.941	0.927
x_2	0.8971	1.0000							
$\eta /(\text{mPa s})$	0.917	0.908							
$T/K = 313.15$									99W3
x_2	0.0000	0.1007	0.2006	0.3001	0.3996	0.5000	0.5999	0.6973	0.7998
$\eta /(\text{mPa s})$	2.272	1.745	1.355	1.093	0.938	0.863	0.835	0.824	0.811
x_2	0.8971	1.0000							
$\eta /(\text{mPa s})$	0.793	0.786							
$T/K = 323.15$									99W3
x_2	0.0000	0.1007	0.2006	0.3001	0.3996	0.5000	0.5999	0.6973	0.7998
$\eta /(\text{mPa s})$	1.543	1.261	1.041	0.888	0.795	0.747	0.729	0.719	0.709
x_2	0.8971	1.0000							
$\eta /(\text{mPa s})$	0.697	0.691							
2063	C₅H₁₂O (1) C₇H₉N (2)		2-methyl-butan-1-ol benzylamine						137-32-6 100-46-9
$T/K = 298.15$									99W4
x_2	0.1000	0.2000	0.3001	0.3999	0.5000	0.6000	0.6998	0.7989	0.8999
$\eta /(\text{mPa s})$	4.232	3.772	3.382	3.039	2.708	2.435	2.181	1.984	1.796
$T/K = 303.15$									99W4
x_2	0.1000	0.2000	0.3001	0.3999	0.5000	0.6000	0.6998	0.7989	0.8999
$\eta /(\text{mPa s})$	3.472	3.103	2.773	2.478	2.243	2.048	1.849	1.691	1.572
$T/K = 308.15$									99W4
x_2	0.1000	0.2000	0.3001	0.3999	0.5000	0.6000	0.6998	0.7989	0.8999

η /(mPa s)	2.453	2.227	2.020	1.837	1.711	1.595	1.500	1.423	1.377
2064	C₅H₁₂O (1) C₇H₉N (2)	2-methyl-butan-2-ol benzylamine						75-85-4 100-46-9	
T /K = 298.15									99W4
x_2	0.1000	0.2001	0.3000	0.4000	0.5000	0.6000	0.6999	0.7994	0.8998
η /(mPa s)	3.228	2.988	2.781	2.576	2.394	2.223	2.067	1.927	1.792
T /K = 303.15									99W4
x_2	0.1000	0.2001	0.3000	0.4000	0.5000	0.6000	0.6999	0.7994	0.8998
η /(mPa s)	2.641	2.463	2.289	2.143	1.995	1.882	1.773	1.668	1.578
T /K = 308.15									99W4
x_2	0.1000	0.2001	0.3000	0.4000	0.5000	0.6000	0.6999	0.7994	0.8998
η /(mPa s)	2.193	2.043	1.919	1.793	1.696	1.609	1.533	1.468	1.422
2065	C₅H₁₂O (1) C₇H₉N (2)	3-methyl-butan-1-ol benzylamine						123-51-3 100-46-9	
T /K = 298.15									99W4
x_2	0.0999	0.1999	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000	0.9000
η /(mPa s)	3.425	3.149	2.901	2.684	2.474	2.284	2.103	1.941	1.806
T /K = 303.15									99W4
x_2	0.0999	0.1999	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000	0.9000
η /(mPa s)	2.914	2.672	2.455	2.259	2.099	1.937	1.803	1.683	1.582
T /K = 308.15									99W4
x_2	0.0999	0.1999	0.3000	0.4000	0.5000	0.6000	0.7000	0.8000	0.9000
η /(mPa s)	2.536	2.319	2.142	1.979	1.833	1.706	1.602	1.510	1.441
2066	C₅H₁₂O (1) C₇H₉N (2)	3-methyl-butan-2-ol benzylamine						598-75-4 100-46-9	
T /K = 298.15									99W4
x_2	0.0999	0.2000	0.3002	0.4001	0.4997	0.5998	0.6999	0.7997	0.9000
η /(mPa s)	3.336	3.109	2.890	2.683	2.490	2.315	2.131	1.960	1.810
T /K = 303.15									99W4
x_2	0.0999	0.2000	0.3002	0.4001	0.4997	0.5998	0.6999	0.7997	0.9000
η /(mPa s)	2.903	2.663	2.443	2.249	2.084	1.927	1.792	1.673	1.571
T /K = 308.15									99W4
x_2	0.0999	0.2000	0.3002	0.4001	0.4997	0.5998	0.6999	0.7997	0.9000
η /(mPa s)	2.388	2.184	2.009	1.853	1.724	1.614	1.521	1.449	1.404

2067	C₅H₁₂O (1) C₇H₉N (2)	pentan-1-ol benzylamine							71-41-0 100-46-9
<i>T</i> /K = 298.15									
<i>x</i> ₂	0.1000	0.2004	0.2999	0.4000	0.4997	0.6000	0.7003	0.8000	0.8999
<i>η</i> /(mPa s)	3.257	3.009	2.798	2.599	2.419	2.250	2.088	1.943	1.808
<i>T</i> /K = 303.15									
<i>x</i> ₂	0.1000	0.2004	0.2999	0.4000	0.4997	0.6000	0.7003	0.8000	0.8999
<i>η</i> /(mPa s)	2.820	2.607	2.436	2.250	2.124	1.971	1.842	1.720	1.616
<i>T</i> /K = 308.15									
<i>x</i> ₂	0.1000	0.2004	0.2999	0.4000	0.4997	0.6000	0.7003	0.8000	0.8999
<i>η</i> /(mPa s)	2.406	2.283	2.133	1.979	1.841	1.734	1.624	1.526	1.454
2068	C₅H₁₂O (1) C₇H₉N (2)	pentan-2-ol benzylamine							6032-29-7 100-46-9
<i>T</i> /K = 298.15									
<i>x</i> ₂	0.1000	0.2002	0.3001	0.4001	0.4997	0.6000	0.6989	0.8000	0.8998
<i>η</i> /(mPa s)	3.179	2.906	2.676	2.466	2.274	2.110	1.976	1.854	1.750
<i>T</i> /K = 303.15									
<i>x</i> ₂	0.1000	0.2002	0.3001	0.4001	0.4997	0.6000	0.6989	0.8000	0.8998
<i>η</i> /(mPa s)	2.626	2.395	2.192	2.038	1.893	1.765	1.666	1.587	1.532
<i>T</i> /K = 308.15									
<i>x</i> ₂	0.1000	0.2002	0.3001	0.4001	0.4997	0.6000	0.6989	0.8000	0.8998
<i>η</i> /(mPa s)	2.199	2.034	1.884	1.759	1.642	1.559	1.482	1.436	1.401
2069	C₅H₁₂O (1) C₇H₁₄ (2)	pentan-1-ol methylcyclohexane							71-41-0 108-87-2
<i>T</i> /°C = 30.0									
<i>x</i> ₂	0.0000	0.0947	0.2614	0.4200	0.5783	0.7422	0.9027	1.0000	
<i>η</i> /(mPa s)	3.012	2.283	1.737	1.289	0.968	0.777	0.663	0.637	
2070	C₅H₁₂O (1) C₇H₁₄O₂ (2)	pentan-1-ol acetic acid pentyl ester							71-41-0 628-63-7
<i>T</i> /K = 298.15									
<i>x</i> ₂	0.00000	0.04216	0.09312	0.14245	0.19017	0.25986	0.30136	0.36344	
<i>η</i> /(mPa s)	3.318	3.208	3.078	2.953	2.832	2.654	2.549	2.393	
<i>x</i> ₂	0.41510	0.50103	0.58762	0.66431	0.73412	0.82245	0.91236	1.00000	
<i>η</i> /(mPa s)	2.262	2.047	1.832	1.641	1.471	1.265	1.060	0.865	

2071	C₅H₁₂O (1)		3-methyl-butan-1-ol						123-51-3
	C₇H₁₅N (2)		N-methyl-cyclohexylamine						100-60-7
<i>T/K</i> = 303.15									91C1
<i>x</i> ₂	0.0000	0.1518	0.2113	0.3163	0.3330	0.4304	0.5439	0.6681	0.7459
<i>η</i> /(mPa s)	2.987	2.826	3.779	2.855	2.632	2.498	2.215	1.935	1.712
<i>x</i> ₂	1.0000								
<i>η</i> /(mPa s)	1.217								
2072	C₅H₁₂O (1)		pentan-1-ol						71-41-0
	C₇H₁₆ (2)		heptane						142-82-5
<i>T/K</i> = 298.15									96S5
<i>x</i> ₁	0.0000	0.0652	0.1304	0.2489	0.3595	0.4654	0.5682	0.6617	
<i>η</i> /(mPa s)	0.3901	0.4117	0.4449	0.5244	0.6427	0.8116	1.0414	1.3384	
<i>x</i> ₁	0.7552	0.8805	0.9606	1.0000					
<i>η</i> /(mPa s)	1.7128	2.4183	3.0568	3.510					
<i>T/K</i> = 308.15									96S5
<i>x</i> ₁	0.0000	0.0652	0.1304	0.2489	0.3595	0.4654	0.5682	0.6617	
<i>η</i> /(mPa s)	0.3520	0.3860	0.3956	0.4627	0.5523	0.6821	0.8410	1.0619	
<i>x</i> ₁	0.7552	0.8805	0.9606	1.0000					
<i>η</i> /(mPa s)	1.3526	1.9315	2.3824	2.648					
2073	C₅H₁₂O (1)		pentan-1-ol						71-41-0
	C₈H₈ (2)		vinylbenzene						100-42-5
<i>T/K</i> = 298.15									99A3
<i>x</i> ₂	0.0000	0.1003	0.1994	0.3003	0.3977	0.4969	0.5963	0.7027	0.8026
<i>η</i> /(mPa s)	3.421	2.791	2.141	1.602	1.320	1.112	0.984	0.859	0.783
<i>x</i> ₂	0.9011	1.0000							
<i>η</i> /(mPa s)	0.737	0.709							
<i>T/K</i> = 303.15									99A3
<i>x</i> ₂	0.0000	0.1003	0.1994	0.3003	0.3977	0.4969	0.5963	0.7027	0.8026
<i>η</i> /(mPa s)	3.007	2.472	1.984	1.404	1.175	1.013	0.901	0.793	0.741
<i>x</i> ₂	0.9011	1.0000							
<i>η</i> /(mPa s)	0.692	0.662							
<i>T/K</i> = 308.15									99A3
<i>x</i> ₂	0.0000	0.1003	0.1994	0.3003	0.3977	0.4969	0.5963	0.7027	0.8026
<i>η</i> /(mPa s)	2.607	2.166	1.638	1.250	1.046	0.915	0.820	0.722	0.680
<i>x</i> ₂	0.9011	1.0000							
<i>η</i> /(mPa s)	0.637	0.623							

2074	C₅H₁₂O (1)		pentan-1-ol						71-41-0
	C₈H₁₆O₂ (2)		acetic acid hexyl ester						142-92-7
<i>T</i> /K = 298.15									97E2
<i>x</i> ₂	0.00000	0.05496	0.10432	0.18763	0.25410	0.32773	0.41425	0.49174	
<i>η</i> /(mPa s)	3.318	3.188	3.073	2.883	2.732	2.565	2.370	2.196	
<i>x</i> ₂	0.56732	0.62003	0.69414	0.76287	0.83645	0.89411	0.96024	1.00000	
<i>η</i> /(mPa s)	2.026	1.909	1.748	1.599	1.441	1.318	1.179	1.107	
2075	C₅H₁₂O (1)		pentan-1-ol						71-41-0
	C₈H₁₈ (2)		octane						111-65-9
<i>T</i> /°C = 0.0									90D1
<i>x</i> ₁	0.0000	0.0369	0.0888	0.1378	0.2126	0.2359	0.3179	0.4840	0.6732
<i>η</i> /(mPa s)	0.707	0.727	0.765	0.807	0.896	0.919	1.052	1.539	2.642
<i>x</i> ₁	0.8420	0.8725	0.9838	1.0000					
<i>η</i> /(mPa s)	4.478	4.924	7.135	7.538					
<i>T</i> /°C = 25.0									90D1
<i>x</i> ₁	0.0000	0.0618	0.1297	0.2063	0.2744	0.3509	0.5159	0.5831	0.6979
<i>η</i> /(mPa s)	0.517	0.537	0.570	0.617	0.671	0.749	1.007	1.166	1.536
<i>x</i> ₁	0.8127	0.9043	0.9520	1.0000					
<i>η</i> /(mPa s)	2.072	2.694	3.056	3.513					
<i>T</i> /°C = 45.0									90D1
<i>x</i> ₁	0.0000	0.0618	0.1297	0.2063	0.2744	0.3509	0.5159	0.5831	0.6979
<i>η</i> /(mPa s)	0.414	0.426	0.449	0.484	0.517	0.570	0.720	0.813	1.025
<i>x</i> ₁	0.8127	0.9043	0.9520	1.0000					
<i>η</i> /(mPa s)	1.298	1.611	1.814	2.062					
2076	C₅H₁₂O (1)		pentan-1-ol						71-41-0
	C₈H₁₈O (2)		octan-1-ol						111-87-5
<i>T</i> /K = 293.15									99S2
<i>x</i> ₁	0.0000	0.1991	0.3363	0.4792	0.6294	0.7214	0.9110	1.0000	
<i>η</i> /(mPa s)	9.223	7.947	7.158	6.397	5.561	5.182	4.341	4.051	
<i>T</i> /K = 298.15									99S2
<i>x</i> ₁	0.0000	0.0849	0.2664	0.3696	0.6046	0.7080	0.8575	1.0000	
<i>η</i> /(mPa s)	7.633	7.229	6.385	5.903	4.921	4.524	3.970	3.497	
<i>T</i> /K = 308.15									98S1
<i>x</i> ₁	0.0000	0.0849	0.2664	0.3696	0.6046	0.7080	0.8575	1.0000	
<i>η</i> /(mPa s)	5.458	5.140	4.589	4.280	3.637	3.356	2.984	2.652	

$T/K = 313.15$									98S1
x_1	0.0000	0.0849	0.2664	0.3696	0.6046	0.7080	0.8575	1.0000	
$\eta /(\text{mPa s})$	4.646	4.382	3.939	3.702	3.151	2.929	2.613	2.333	
$T/K = 293.15$									99S2
x_1	0.0000	0.1991	0.3363	0.4792	0.6294	0.7214	0.9110	1.0000	
$\nu /(\text{mm}^2/\text{s})$	11.176	9.646	8.702	7.788	6.786	6.329	5.316	4.973	
$T/K = 298.15$									99S2
x_1	0.0000	0.0849	0.2664	0.3696	0.6046	0.7080	0.8575	1.0000	
$\nu /(\text{mm}^2/\text{s})$	9.325	8.804	7.1791	7.212	6.029	5.552	4.884	4.312	
$T/K = 308.15$									98S1
x_1	0.0000	0.0849	0.2664	0.3696	0.6046	0.7080	0.8575	1.0000	
$\nu /(\text{mm}^2/\text{s})$	6.699	6.314	5.649	5.274	4.496	4.155	3.704	3.301	
$T/K = 313.15$									98S1
x_1	0.0000	0.0849	0.2664	0.3696	0.6046	0.7080	0.8575	1.0000	
$\nu /(\text{mm}^2/\text{s})$	5.725	5.404	4.869	4.581	3.912	3.642	3.257	2.917	
2077	$\text{C}_5\text{H}_{12}\text{O}$ (1)		pentan-1-ol						71-41-0
	C_9H_{12} (2)		isopropylbenzene						98-82-8
$T/K = 293.15$									89P2
x_1	0.0000	0.1011	0.2030	0.3661	0.3993	0.4995	0.6030	0.6973	0.8010
$\eta /(\text{mPa s})$	0.790	0.826	0.897	1.080	1.129	1.321	1.413	1.962	2.464
x_1	0.8950	1.0000							
$\eta /(\text{mPa s})$	3.128	4.028							
$T/K = 298.15$									89P2
x_1	0.0000	0.1011	0.2030	0.3661	0.3993	0.4995	0.6030	0.6973	0.8010
$\eta /(\text{mPa s})$	0.728	0.758	0.813	0.968	1.009	1.167	1.401	1.677	2.129
x_1	0.8950	1.0000							
$\eta /(\text{mPa s})$	2.663	3.384							
$T/K = 303.15$									89P2
x_1	0.0000	0.1011	0.2030	0.3661	0.3993	0.4995	0.6030	0.6973	0.8010
$\eta /(\text{mPa s})$	0.689	0.711	0.763	0.897	0.934	1.070	1.270	1.511	1.916
x_1	0.8950	1.0000							
$\eta /(\text{mPa s})$	2.160	2.964							
$T/K = 308.15$									89P2
x_1	0.0000	0.1011	0.2030	0.3661	0.3993	0.4995	0.6030	0.6973	0.8010
$\eta /(\text{mPa s})$	0.650	0.671	0.719	0.835	0.868	0.987	1.163	1.375	1.722
x_1	0.8950	1.0000							
$\eta /(\text{mPa s})$	2.116	2.622							

$T/^\circ\text{C} = 30.0$										87A1
x_2	0.0000	0.1010	0.1994	0.3004	0.4007	0.4998	0.6005	0.6991	0.7987	
$\eta/(\text{mPa s})$	2.985	2.255	1.788	1.459	1.207	1.031	0.900	0.815	0.756	
x_2	0.8991	1.0000								
$\eta/(\text{mPa s})$	0.710	0.671								
2078	C₅H₁₂O (1) C₁₀H₇Cl (2)		pentan-1-ol 1-chloro-naphthalene							71-41-0 90-13-1
$T/\text{K} = 298.15$										98A6
x_2	0.0000	0.1019	0.1914	0.3014	0.3710	0.4944	0.6006	0.6961	0.7909	
$\eta/(\text{mPa s})$	3.421	3.204	3.078	2.928	2.833	2.708	2.669	2.659	2.702	
x_2	0.9013	1.0000								
$\eta/(\text{mPa s})$	2.761	3.020								
$T/\text{K} = 303.15$										98A6
x_2	0.0000	0.1019	0.1914	0.3014	0.3710	0.4944	0.6006	0.6961	0.7909	
$\eta/(\text{mPa s})$	3.007	2.830	2.704	2.555	2.473	2.388	2.364	2.358	2.393	
x_2	0.9013	1.0000								
$\eta/(\text{mPa s})$	2.464	2.707								
$T/\text{K} = 308.15$										98A6
x_2	0.0000	0.1019	0.1914	0.3014	0.3710	0.4944	0.6006	0.6961	0.7909	
$\eta/(\text{mPa s})$	2.607	2.469	2.370	2.232	2.179	2.115	2.107	2.107	2.134	
x_2	0.9013	1.0000								
$\eta/(\text{mPa s})$	2.217	2.437								
2079	C₅H₁₂O (1) C₁₀H₁₅N (2)		3-methyl-butan-1-ol N,N-diethyl-aniline							123-51-3 91-66-7
$T/^\circ\text{C} = 0.0$										11D1
w_1	0.0000	0.1000	0.3052	0.5008	0.7052	0.9003	1.0000			
$\eta/(\text{mPa s})$	3.838	3.600	3.821	4.519	5.698	7.564	8.834			
$T/^\circ\text{C} = 76.5$										11D1
w_1	0.0000	0.1007	0.3015	0.5008	0.7000	1.0000				
$\eta/(\text{mPa s})$	0.783	0.725	0.709	0.723	0.784	0.951				
2080	C₅H₁₂O₃ (1) C₆H₁₄O₂ (2)		2-(2-methoxy-ethoxy)-ethanol 1,2-diethoxy-ethane							111-77-3 629-14-1
$T/\text{K} = 298.15$										99P5
x_1	0.0000	0.0162	0.0416	0.0613	0.0967	0.1691	0.2291	0.2741	0.3082	
$\eta/(\text{mPa s})$	0.602	0.621	0.646	0.664	0.703	0.779	0.850	0.916	0.964	

x_1	0.3440	0.4006	0.4593	0.5082	0.5635	0.6145	0.6552	0.6969	0.7526
η /(mPa s)	1.014	1.115	1.232	1.346	1.492	1.650	1.793	1.949	2.186
x_1	0.8075	0.8567	0.9074	0.9515	0.9854	1.0000			
η /(mPa s)	2.441	2.699	2.985	3.253	3.470	3.565			
$T/K = 308.15$									99P5
x_1	0.0000	0.0162	0.0416	0.0613	0.0967	0.1691	0.2291	0.2741	0.3082
η /(mPa s)	0.522	0.538	0.559	0.574	0.600	0.666	0.718	0.765	0.809
x_1	0.3440	0.4006	0.4593	0.5082	0.5635	0.6145	0.6552	0.6969	0.7526
η /(mPa s)	0.849	0.929	1.017	1.097	1.203	1.306	1.423	1.503	1.654
x_1	0.8075	0.8567	0.9074	0.9515	0.9854	1.0000			
η /(mPa s)	1.823	1.995	2.190	2.386	2.550	2.627			

2081 **C₆D₆ (1)** **hexadeuterio-benzene** **1076-43-3**
C₆H₁₂ (2) **cyclohexane** **110-82-7**

$T/K = 298.15$									93M2
x_2	0.0000	0.1261	0.2320	0.3618	0.5055	0.6416	0.7430	0.8733	1.0000
η /(mPa s)	0.6392	0.6146	0.6081	0.6124	0.6320	0.6687	0.7109	0.7861	0.8909
$T/K = 313.15$									93M2
x_2	0.0000	0.1261	0.2320	0.3618	0.5055	0.6416	0.7430	0.8733	1.0000
η /(mPa s)	0.5187	0.5047	0.5011	0.5039	0.5185	0.5457	0.5747	0.6260	0.6980
A table is given in Ref. 93M2 for pressures up to 50 MPa.									93M2

2082 **C₆F₆ (1)** **hexafluorobenzene** **392-56-3**
C₆H₆ (2) **benzene** **71-43-2**

$T/K = 298.15$									86F2
x_1	0.000	0.099	0.199	0.300	0.400	0.500	0.599	0.698	0.801
η /(mPa s)	0.606	0.580	0.593	0.611	0.641	0.681	0.728	0.764	0.798
x_1	0.899	1.000							
η /(mPa s)	0.830	0.868							

(parameters of a fitting function are given in the original source for $285 \leq T/K \leq 340$)

$x_2 = 0.25$									83D2
T/K	298.15	323.15	348.15						
η /(mPa s)	0.575	0.438	0.347						

A table is given in Ref. 83D2 for pressures up to 50 MPa and temperatures up to 548 K. 83D2

2083 **C₆F₆ (1)** **hexafluorobenzene** **392-56-3**
C₆H₁₂ (2) **cyclohexane** **110-82-7**

$T/K = 298.15$

86F2

x_1	0.000	0.101	0.209	0.299	0.400	0.499	0.600	0.702	0.790
$\eta /(\text{mPa s})$	0.905	0.792	0.725	0.702	0.689	0.684	0.694	0.720	0.749
x_1	0.901	1.000							
$\eta /(\text{mPa s})$	0.805	0.868							

(parameters of a fitting function are given in the original source for $285 \leq T/K \leq 340$)

2084 **C₆F₆ (1)** **hexafluorobenzene** **392-56-3**
C₇H₉N (2) **2,6-dimethyl-pyridine** **108-48-5**

 $T/^\circ\text{C} = 20.0$

71M2

x_2	0.000	0.165	0.229	0.500	0.712	0.767	0.832	0.908	1.000
$\eta /(\text{mPa s})$	0.9446	0.94148	0.94570	0.93329	0.89434	0.88245	0.86732	0.85488	0.8373

 $T/^\circ\text{C} = 25.0$

71M2

x_2	0.000	0.165	0.229	0.283	0.497	0.500	0.712	0.767	
$\eta /(\text{mPa s})$	0.8695	0.86900	0.87094	0.86650	0.85977	0.85844	0.82685	0.81745	

x_2	0.832	0.908	1.000						
$\eta /(\text{mPa s})$	0.80524	0.79280	0.7813						

 $T/^\circ\text{C} = 35.0$

71M2

x_2	0.000	0.165	0.229	0.283	0.497	0.500	0.712	0.767	
$\eta /(\text{mPa s})$	0.7631	0.74937	0.74845	0.74391	0.73721	0.73597	0.71371	0.70723	

x_2	0.832	0.908	1.000						
$\eta /(\text{mPa s})$	0.69975	0.69161	0.6861						

 $T/^\circ\text{C} = 45.0$

71M2

x_2	0.000	0.165	0.229	0.283	0.497	0.500	0.712	0.767	
$\eta /(\text{mPa s})$	0.6708	0.66290	0.65859	0.65618	0.64009	0.64013	0.62522	0.62091	

x_2	0.832	0.908	1.000						
$\eta /(\text{mPa s})$	0.61601	0.61097	0.6032						

2085 **C₆F₆ (1)** **hexafluorobenzene** **392-56-3**
C₈H₁₁N (2) **2,4,6-trimethyl-pyridine** **108-75-8**

 $T/^\circ\text{C} = 20.0$

71M2

x_2	0.000	0.080	0.148	0.206	0.256	0.454	0.500	0.684	
$\eta /(\text{mPa s})$	0.9446	0.97060	1.00290	1.03550	1.05850	1.12140	1.12320	1.07340	

x_2	0.743	0.812	0.896	1.000					
$\eta /(\text{mPa s})$	1.04910	1.01650	0.97860	0.9380					

 $T/^\circ\text{C} = 25.0$

71M2

x_2	0.000	0.080	0.148	0.206	0.256	0.454	0.500	0.684	
$\eta /(\text{mPa s})$	0.8695	0.89607	0.92164	0.94730	0.96720	1.01680	1.01929	0.98015	

x_2	0.743	0.812	0.896	1.000					
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η /(mPa s)	0.95971	0.93397	0.90326	0.8695					
$T/^\circ\text{C} = 35.0$									71M2
x_2	0.000	0.080	0.148	0.206	0.256	0.454	0.500	0.684	
η /(mPa s)	0.7631	0.77302	0.78871	0.80593	0.81869	0.85173	0.85403	0.82962	
x_2	0.743	0.812	0.896	1.000					
η /(mPa s)	0.81611	0.79887	0.77816	0.7551					
$T/^\circ\text{C} = 45.0$									71M2
x_2	0.000	0.080	0.148	0.206	0.256	0.454	0.500	0.684	
η /(mPa s)	0.6708	0.67804	0.68812	0.69723	0.70506	0.72750	0.73004	0.71407	
x_2	0.743	0.812	0.896	1.000					
η /(mPa s)	0.70473	0.69314	0.67893	0.6635					
2086	C₆F₆ (1) C₉H₁₂ (2)		hexafluorobenzene 1,3,5-trimethyl-benzene						392-56-3 108-67-8
$T/\text{K} = 313.15$									86F2
x_1	0.100	0.200	0.300	0.385	0.501	0.600	0.699	0.801	0.901
η /(mPa s)	0.588	0.641	0.686	0.729	0.774	0.777	0.760	0.720	0.700
<i>(parameters of a fitting function are given in the original source for $285 \leq T/\text{K} \leq 340$)</i>									
2087	C₆F₆ (1) C₁₅H₂₄ (2)		hexafluorobenzene 1,3,5-triisopropyl-benzene						392-56-3 717-74-8
$T/\text{K} = 298.15$									86F2
x_1	0.000	0.100	0.200	0.300	0.400	0.501	0.599	0.700	0.799
η /(mPa s)	3.533	3.063	2.631	2.280	1.971	1.672	1.393	1.193	1.038
x_1	0.898	1.000							
η /(mPa s)	0.929	0.868							
<i>(parameters of a fitting function are given in the original source for $285 \leq T/\text{K} \leq 340$)</i>									
2088	C₆H₃Cl₃ (1) C₁₀H₂₂ (2)		1,2,4-trichloro-benzene decane						120-82-1 124-18-5
$T/^\circ\text{C} = 20.0$									82A3
x_2	0.0000	0.0801	0.1928	0.2974	0.3910	0.4920	0.5920	0.6980	0.8021
ν /(mm ² /s)	1.4238	1.3358	1.2669	1.2261	1.2050	1.1928	1.1883	1.1954	1.2077
x_2	0.8983	1.0000							
ν /(mm ² /s)	1.2277	1.2479							
$T/^\circ\text{C} = 40.0$									82A3
x_2	0.0000	0.0801	0.1928	0.2974	0.3910	0.4920	0.5920	0.6980	0.8021
ν /(mm ² /s)	1.0222	0.9828	0.9450	0.9256	0.9171	0.9117	0.9135	0.9193	0.9284

x_2	0.8983	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.9425	0.9611

2089	C₆H₃Cl₃ (1) C₁₄H₃₀ (2)		1,2,4-trichloro-benzene tetradecane						120-82-1 629-59-4	
$T / ^\circ\text{C} = 20.0$										82A3
x_2	0.0000	0.0997	0.1948	0.3040	0.4004	0.4970	0.5433	0.6436	0.8095	
$\nu /(\text{mm}^2/\text{s})$	1.4200	1.5456	1.6696	1.8169	1.9594	2.1093	2.1828	2.3517	2.6524	
x_2	0.9040	1.0000								
$\nu /(\text{mm}^2/\text{s})$	2.8361	3.0384								
$T / ^\circ\text{C} = 40.0$										82A3
x_2	0.0000	0.0986	0.3002	0.3985	0.5049	0.5991	0.6896	0.8008	0.8966	
$\nu /(\text{mm}^2/\text{s})$	1.0207	1.1084	1.2984	1.3940	1.5067	1.6097	1.7140	1.8447	1.9660	
x_2	1.0000									
$\nu /(\text{mm}^2/\text{s})$	2.1035									
2090	C₆H₃N₃O₆ (1) C₁₀H₈ (2)		1,3,5-trinitro-benzene naphthalene						99-35-4 91-20-3	
$T / ^\circ\text{C} = 152.0$										24K1
x_2	0.00	0.25	0.40	0.50	0.60	0.75	1.00			
$\eta /(\text{mPa s})$	1.576	0.946	0.606	0.501	0.415	0.285	0.196			
2091	C₆H₄BrCl (1) C₆H₄Br₂ (2)		1-bromo-4-chloro-benzene 1,4-dibromo-benzene						106-39-8 106-37-6	
$T / ^\circ\text{C} = 110.0$										72N1
x_2	0.0000	0.2600	0.3331	0.4131	0.5880	0.6496	0.7561	1.0000		
$\eta /(\text{mPa s})$	0.589	0.645	0.663	0.684	0.730	0.749	0.787	0.872		
$T / ^\circ\text{C} = 115.0$										72N1
x_2	0.0000	0.2600	0.3331	0.4131	0.5880	0.6496	0.7561	1.0000		
$\eta /(\text{mPa s})$	0.583	0.628	0.643	0.649	0.694	0.711	0.741	0.808		
$T / ^\circ\text{C} = 120.0$										72N1
x_2	0.0000	0.2600	0.3331	0.4131	0.5880	0.6496	0.7561	1.0000		
$\eta /(\text{mPa s})$	0.578	0.614	0.625	0.639	0.668	0.681	0.706	0.761		
$T / ^\circ\text{C} = 110.0$										72N1
x_2	0.0000	0.2600	0.3331	0.4131	0.5880	0.6496	0.7561	1.0000		
$\nu /(\text{mm}^2/\text{s})$	0.690	0.627	0.594	0.571	0.549	0.529	0.510	0.480		
$T / ^\circ\text{C} = 115.0$										72N1
x_2	0.0000	0.2600	0.3331	0.4131	0.5880	0.6496	0.7561	1.0000		

ν /(mm ² /s)	0.388	0.397	0.401	0.405	0.413	0.418	0.428	0.447	
T /°C = 120.0									72N1
x_2	0.0000	0.2600	0.3331	0.4131	0.5880	0.6496	0.7561	1.0000	
ν /(mm ² /s)	0.387	0.390	0.392	0.395	0.399	0.402	0.410	0.422	
2092	C₆H₄BrCl (1)		1-bromo-4-chloro-benzene						106-39-8
	C₆H₄ClI (2)		1-chloro-4-iodo-benzene						637-87-6
T /°C = 110.0									72N1
x_1	0.0000	0.1520	0.3131	0.4235	0.5026	0.5781	0.6317	0.7086	0.8510
η /(mPa s)	0.640	0.632	0.625	0.613	0.605	0.596	0.591	0.584	0.581
T /°C = 115.0									72N1
x_1	0.0000	0.1520	0.3131	0.4235	0.5026	0.5781	0.6317	0.7086	0.8510
η /(mPa s)	0.616	0.610	0.602	0.591	0.583	0.573	0.568	0.561	0.558
T /°C = 120.0									72N1
x_1	0.0000	0.1520	0.3131	0.4235	0.5026	0.5781	0.6317	0.7086	0.8510
η /(mPa s)	0.591	0.575	0.567	0.555	0.547	0.537	0.532	0.525	0.521
T /°C = 110.0									72N1
x_1	0.0000	0.1520	0.3131	0.4235	0.5026	0.5781	0.6317	0.7086	0.8510
ν /(mm ² /s)	0.447	0.440	0.433	0.423	0.413	0.403	0.398	0.392	0.388
T /°C = 115.0									72N1
x_1	0.0000	0.1520	0.3131	0.4235	0.5026	0.5781	0.6317	0.7086	0.8510
ν /(mm ² /s)	0.446	0.439	0.432	0.421	0.412	0.403	0.398	0.391	0.387
T /°C = 120.0									72N1
x_1	0.0000	0.1520	0.3131	0.4235	0.5026	0.5781	0.6317	0.7086	0.8510
ν /(mm ² /s)	0.443	0.437	0.430	0.419	0.411	0.402	0.397	0.390	0.386
2093	C₆H₄BrCl (1)		1-bromo-4-chloro-benzene						106-39-8
	C₆H₄ClNO₂ (2)		1-chloro-3-nitro-benzene						121-73-3
T /°C = 110.0									72N1
x_2	0.0000	0.2982	0.3702	0.4566	0.5532	0.6594	0.7715	0.8713	1.0000
η /(mPa s)	0.589	0.639	0.657	0.666	0.704	0.739	0.778	0.819	0.880
T /°C = 115.0									72N1
x_2	0.0000	0.2982	0.3702	0.4566	0.5532	0.6594	0.7715	0.8713	1.0000
η /(mPa s)	0.583	0.628	0.643	0.659	0.684	0.715	0.750	0.786	0.837
T /°C = 120.0									72N1
x_2	0.0000	0.2982	0.3702	0.4566	0.5532	0.6594	0.7715	0.8713	1.0000
η /(mPa s)	0.578	0.619	0.632	0.646	0.667	0.696	0.726	0.757	0.801

$T/^\circ\text{C} = 110.0$										72N1
x_2	0.0000	0.2982	0.3702	0.4566	0.5532	0.6594	0.7715	0.8713	1.0000	
$\nu/(\text{mm}^2/\text{s})$	0.390	0.447	0.462	0.482	0.510	0.546	0.586	0.628	0.690	
$T/^\circ\text{C} = 115.0$										72N1
x_2	0.0000	0.2982	0.3702	0.4566	0.5532	0.6594	0.7715	0.8713	1.0000	
$\nu/(\text{mm}^2/\text{s})$	0.388	0.441	0.453	0.471	0.497	0.529	0.567	0.605	0.659	
$T/^\circ\text{C} = 120.0$										72N1
x_2	0.0000	0.2982	0.3702	0.4566	0.5532	0.6594	0.7715	0.8713	1.0000	
$\nu/(\text{mm}^2/\text{s})$	0.387	0.435	0.447	0.461	0.486	0.517	0.550	0.584	0.633	

2094 **$\text{C}_6\text{H}_4\text{Br}_2$ (1)** **1,4-dibromo-benzene** **106-37-6**
 $\text{C}_6\text{H}_4\text{ClNO}_2$ (2) **1-chloro-3-nitro-benzene** **121-73-3**

$T/^\circ\text{C} = 110.0$										72N1
x_1	0.0000	0.1917	0.3062	0.3819	0.4527	0.5680	0.7321	0.9318	1.0000	
$\eta/(\text{mPa}\cdot\text{s})$	0.880	0.863	0.852	0.842	0.830	0.835	0.849	0.870	0.872	
$T/^\circ\text{C} = 115.0$										72N1
x_1	0.0000	0.1917	0.3062	0.3819	0.4527	0.5680	0.7321	0.9318	1.0000	
$\eta/(\text{mPa}\cdot\text{s})$	0.837	0.818	0.807	0.800	0.785	0.787	0.796	0.808	0.808	
$T/^\circ\text{C} = 120.0$										72N1
x_1	0.0000	0.1917	0.3062	0.3819	0.4527	0.5680	0.7321	0.9318	1.0000	
$\eta/(\text{mPa}\cdot\text{s})$	0.801	0.735	0.771	0.764	0.751	0.750	0.755	0.763	0.761	
$T/^\circ\text{C} = 110.0$										72N1
x_1	0.0000	0.1917	0.3062	0.3819	0.4527	0.5680	0.7321	0.9318	1.0000	
$\nu/(\text{mm}^2/\text{s})$	0.690	0.627	0.594	0.571	0.549	0.529	0.510	0.489	0.480	
$T/^\circ\text{C} = 115.0$										72N1
x_1	0.0000	0.1917	0.3062	0.3819	0.4527	0.5680	0.7321	0.9318	1.0000	
$\nu/(\text{mm}^2/\text{s})$	0.659	0.597	0.564	0.544	0.521	0.501	0.479	0.456	0.446	
$T/^\circ\text{C} = 120.0$										72N1
x_1	0.0000	0.1917	0.3062	0.3819	0.4527	0.5680	0.7321	0.9318	1.0000	
$\nu/(\text{mm}^2/\text{s})$	0.633	0.573	0.541	0.521	0.500	0.479	0.456	0.431	0.422	

2095 **$\text{C}_6\text{H}_4\text{Br}_2$ (1)** **1,4-dibromo-benzene** **106-37-6**
 $\text{C}_6\text{H}_6\text{ClN}$ (2) **4-chloro-aniline** **106-47-8**

$T/^\circ\text{C} = 110.0$										72N1
x_1	0.0000	0.0843	0.1874	0.3002	0.3849	0.5068	0.6081	0.8506	1.0000	
$\eta/(\text{mPa}\cdot\text{s})$	0.896	0.861	0.842	0.830	0.816	0.811	0.815	0.848	0.872	
$T/^\circ\text{C} = 115.0$										72N1
x_1	0.0000	0.0843	0.1874	0.3002	0.3849	0.5068	0.6081	0.8506	1.0000	

η /(mPa s)	0.844	0.818	0.796	0.782	0.766	0.759	0.761	0.782	0.807
$T/^\circ\text{C} = 120.0$									72N1
x_1	0.0000	0.0843	0.1874	0.3002	0.3849	0.5068	0.6081	0.8506	1.0000
η /(mPa s)	0.805	0.779	0.757	0.741	0.729	0.716	0.717	0.741	0.761
$T/^\circ\text{C} = 110.0$									72N1
x_1	0.0000	0.0843	0.1874	0.3002	0.3849	0.5068	0.6081	0.8506	1.0000
ν /(mm ² /s)	0.742	0.733	0.676	0.628	0.594	0.557	0.534	0.500	0.480
$T/^\circ\text{C} = 115.0$									72N1
x_1	0.0000	0.0843	0.1874	0.3002	0.3849	0.5068	0.6081	0.8506	1.0000
ν /(mm ² /s)	0.757	0.699	0.642	0.595	0.560	0.523	0.500	0.463	0.446
$T/^\circ\text{C} = 120.0$									72N1
x_1	0.0000	0.0843	0.1874	0.3002	0.3849	0.5068	0.6081	0.8506	1.0000
ν /(mm ² /s)	0.715	0.668	0.612	0.565	0.534	0.495	0.473	0.440	0.422
2096	C₆H₄Cl₂ (1) C₆H₆ (2)		1,2-dichloro-benzene benzene						95-50-1 71-43-2
$T/^\circ\text{C} = 25.0$									60G1
x_1	0.0000	0.1000	0.2482	0.5003	0.7481	1.0000			
η /(mPa s)	0.610	0.640	0.690	0.839	1.038	1.278			
2097	C₆H₄Cl₂ (1) C₆H₁₀O₂ (2)		1,2-dichloro-benzene 2-methyl-prop-2-enoic acid ethyl ester						95-50-1 97-63-2
$T/\text{K} = 303.15$									96S1
x_2	0.0000	0.0383	0.1842	0.3691	0.4699	0.6734	0.7787	0.9555	1.0000
η /(mPa s)	1.1927	1.1704	1.0633	0.9405	0.8753	0.7459	0.6813	0.5786	0.5563
2098	C₆H₄Cl₂ (1) C₇H₅N (2)		1,2-dichloro-benzene benzotrile						95-50-1 100-47-0
$T/^\circ\text{C} = 25.0$									63B2
w_2	0.0000	0.0151	0.0499	0.0753	0.1751	0.3004	0.4499	1.0000	
η /(mPa s)	1.284	1.285	1.285	1.284	1.281	1.275	1.272	1.246	
2099	C₆H₄Cl₂ (1) C₇H₈O (2)		1,2-dichloro-benzene methoxybenzene						95-50-1 100-66-3
$T/\text{K} = 298.15$									91A2
x_2	0.0000	0.0977	0.1979	0.3012	0.4030	0.4955	0.5995	0.6967	0.7951
η /(mPa s)	1.2204	1.2013	1.1723	1.1421	1.1185	1.0970	1.0807	1.0560	1.0368

x_2	0.8931	1.0000							
$\eta /(\text{mPa s})$	1.0223	0.9912							
$T/\text{K} = 303.15$									91A2
x_2	0.0000	0.0977	0.1979	0.3012	0.4030	0.4955	0.5995	0.6967	0.7951
$\eta /(\text{mPa s})$	1.1291	1.1212	1.0936	1.0670	1.0416	1.0190	1.0001	0.9808	0.9631
x_2	0.8931	1.0000							
$\eta /(\text{mPa s})$	0.9486	0.9196							
$T/\text{K} = 308.15$									91A2
x_2	0.0000	0.0977	0.1979	0.3012	0.4030	0.4955	0.5995	0.6967	0.7951
$\eta /(\text{mPa s})$	1.0580	1.0459	1.0202	0.9938	0.9716	0.9490	0.9288	0.9098	0.8944
x_2	0.8931	1.0000							
$\eta /(\text{mPa s})$	0.8810	0.8533							
$T/\text{K} = 313.15$									91A2
x_2	0.0000	0.0977	0.1979	0.3012	0.4030	0.4955	0.5995	0.6967	0.7951
$\eta /(\text{mPa s})$	0.9857	0.9762	0.9514	0.9268	0.9045	0.8869	0.8664	0.8479	0.8320
x_2	0.8931	1.0000							
$\eta /(\text{mPa s})$	0.8178	0.7926							
2100	C₆H₄Cl₂ (1) C₈H₁₄O₂ (2)		1,2-dichloro-benzene 2-methyl-prop-2-enoic acid butyl ester						95-50-1 97-88-1
$T/\text{K} = 303.15$									96S1
x_2	0.0000	0.0306	0.1518	0.3186	0.4145	0.6200	0.7358	0.9408	1.0000
$\eta /(\text{mPa s})$	1.1927	1.1916	1.1342	1.0624	0.9564	0.9199	0.8596	0.8483	0.8508
2101	C₆H₄N₂O₄ (1) C₁₀H₈ (2)		1,3-dinitro-benzene naphthalene						99-65-0 91-20-3
$T/^\circ\text{C} = 90.0$									24K1
x_2	0.00	0.25	0.425	0.50	0.54	0.60	0.75	1.00	
$\eta /(\text{mPa s})$	2.528	1.905	1.465	1.404	1.322	1.269	1.058	0.759	
2102	C₆H₅Br (1) C₆H₅Cl (2)		bromobenzene chlorobenzene						108-86-1 108-90-7
$T/^\circ\text{C} = 30.0$									92A3
x_1	0.0000	0.1012	0.1989	0.3016	0.4018	0.5015	0.6012	0.6967	0.7996
$\eta /(\text{mPa s})$	0.723	0.760	0.786	0.813	0.840	0.869	0.899	0.928	0.960
x_1	0.8964	1.0000							
$\eta /(\text{mPa s})$	0.993	1.003							
$T/^\circ\text{C} = 35.0$									92A3

x_1	0.0000	0.1012	0.1989	0.3016	0.4018	0.5015	0.6012	0.6967	0.7996
$\eta / (\text{mPa s})$	0.683	0.717	0.741	0.766	0.791	0.817	0.846	0.874	0.904
x_1	0.8964	1.0000							
$\eta / (\text{mPa s})$	0.934	0.942							
$T / ^\circ\text{C} = 40.0$									92A3
x_1	0.0000	0.1012	0.1989	0.3016	0.4018	0.5015	0.6012	0.6967	0.7996
$\eta / (\text{mPa s})$	0.643	0.677	0.698	0.722	0.745	0.771	0.797	0.823	0.848
x_1	0.8964	1.0000							
$\eta / (\text{mPa s})$	0.877	0.885							
$T / ^\circ\text{C} = 25.0$									66D1
w_1	0.000	0.225	0.401	0.571	0.766	1.000			
$\eta / (\text{mPa s})$	0.733	0.774	0.823	0.860	0.934	1.037			
$T / ^\circ\text{C} = 20.0$									26U1
x_2	0.0000	0.1590	0.3283	0.4794	0.6581	0.8369	1.0000		
$\eta / (\text{mPa s})$	0.7999	0.8410	0.8925	0.9428	1.0030	1.0674	1.1361		
$T / ^\circ\text{C} = 40.0$									26U1
x_2	0.0000	0.1607	0.3452	0.4709	0.6687	0.8164	1.0000		
$\eta / (\text{mPa s})$	0.6356	0.6704	0.7123	0.7431	0.7929	0.8333	0.8859		
$T / ^\circ\text{C} = 60.0$									26U1
x_2	0.0000	0.1668	0.3325	0.4855	0.6493	0.8312	1.0000		
$\eta / (\text{mPa s})$	0.5168	0.5446	0.5753	0.6051	0.6370	0.6747	0.7105		
$T / ^\circ\text{C} = 12.0$									14K1
x_1	0.000	0.202	0.674	1.000					
$\eta / \eta_{\text{water}}$	0.8128	0.8766	1.013	1.141					
$T / ^\circ\text{C} = 64.0$									14K1
x_1	0.000	0.202	0.674	1.000					
$\eta / \eta_{\text{water}}$	1.1065	1.1855	1.362	1.5026					
2103	C₆H₅Br (1)		bromobenzene						108-86-1
	C₆H₅NO₂ (2)		nitrobenzene						98-95-3
$T / ^\circ\text{C} = 25.0$									52L1
x_2	0.000	0.117	0.225	0.345	0.464	0.554	0.676	0.790	0.887
$\eta / (\text{mPa s})$	1.068	1.106	1.164	1.227	1.296	1.352	1.465	1.556	1.673
x_2	1.000								
$\eta / (\text{mPa s})$	1.820								
$T / ^\circ\text{C} = 30.0$									52L1
x_2	0.000	0.117	0.225	0.345	0.464	0.554	0.676	0.790	0.887
$\eta / (\text{mPa s})$	1.008	1.036	1.075	1.130	1.209	1.246	1.355	1.459	1.551

x_2	1.000								
η /(mPa s)	1.682								
T /°C = 35.0									52L1
x_2	0.000	0.117	0.225	0.345	0.464	0.554	0.676	0.790	0.887
η /(mPa s)	0.938	0.973	1.015	1.060	1.117	1.173	1.251	1.345	1.423
x_2	1.000								
η /(mPa s)	1.550								
2104	C₆H₅Br (1) C₆H₆ (2)		bromobenzene benzene						108-86-1 71-43-2
T /°C = 25.0									58L2
x_1	0.000	0.0876	0.116	0.800	1.000				
η /(mPa s)	0.602	0.636	0.649	0.960	1.056				
T /°C = 35.0									58L2
x_1	0.000	0.0876	0.116	1.000					
η /(mPa s)	0.527	0.558	0.568	0.934					
T /°C = 45.0									58L2
x_1	0.000	0.0876	0.116	1.000					
η /(mPa s)	0.464	0.492	0.504	0.836					
T /°C = 50.0									58L2
x_1	0.000	0.0876	0.116	0.800	1.000				
η /(mPa s)	0.436	0.461	0.470	0.711	0.784				
T /°C = 25.0									71N2
x_1	0.2880	0.3706	0.4478	0.5781	0.5875	0.6302	0.7539	0.8362	0.8619
ν /(mm ² /s)	0.660	0.661	0.663	0.669	0.670	0.673	0.684	0.691	0.690
T /°C = 30.0									71N2
x_1	0.1786	0.2254	0.3866	0.4173	0.4642	0.5567	0.5729	0.6684	0.7340
ν /(mm ² /s)	0.634	0.632	0.630	0.629	0.630	0.632	0.634	0.638	0.643
T /°C = 35.0									71N2
x_1	0.1186	0.2737	0.3186	0.3957	0.5763	0.6504	0.7704		
ν /(mm ² /s)	0.604	0.600	0.600	0.603	0.613	0.618	0.629		
2105	C₆H₅Br (1) C₆H₇N (2)		bromobenzene aniline						108-86-1 62-53-3
T /°C = 25.0									88S2
x_2	0.0473	0.1134	0.2773	0.3653	0.4482	0.5297	0.6137	0.7756	
η /(mPa s)	1.117	1.157	1.331	1.406	1.538	1.703	1.875	2.458	
T /°C = 35.0									88S2

x_2	0.0473	0.1134	0.2773	0.3653	0.4482	0.5297	0.6137	0.7756	
η /(mPa s)	0.976	1.005	1.129	1.184	1.270	1.388	1.507	1.901	
T /°C = 45.0									88S2
x_2	0.0473	0.1134	0.2773	0.3653	0.4482	0.5297	0.6137	0.7756	
η /(mPa s)	0.860	0.880	0.973	1.010	1.075	1.145	1.237	1.493	
2106	C₆H₅Br (1) C₆H₇N (2)		bromobenzene 2-methyl-pyridine						108-86-1 109-06-8
T /°C = 20.0									56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
η /(mPa s)	1.125	1.072	1.016	0.954	0.885	0.808			
T /°C = 40.0									56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
η /(mPa s)	0.881	0.833	0.785	0.736	0.684	0.628			
T /°C = 60.0									56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
η /(mPa s)	0.712	0.671	0.631	0.590	0.547	0.502			
2107	C₆H₅Br (1) C₆H₁₂O (2)		bromobenzene 2,5-dimethyl-tetrahydrofuran						108-86-1 1003-38-9
T /K = 298.15									97R3
x_2	0.0000	0.0965	0.2006	0.3011	0.4016	0.4921	0.6026	0.6999	0.8006
η /(mPa s)	1.0597	1.0032	0.9410	0.8808	0.8196	0.7658	0.7020	0.6465	0.5900
x_2	0.9056	1.0000							
η /(mPa s)	0.5334	0.4850							
T /K = 313.15									97R3
x_2	0.0965	0.2006	0.3011	0.4016	0.4921	0.6026	0.6999	0.8006	0.9056
η /(mPa s)	0.8330	0.7831	0.7338	0.6848	0.6411	0.5892	0.5440	0.4979	0.4513
2108	C₆H₅Br (1) C₇H₈ (2)		bromobenzene toluene						108-86-1 108-88-3
T /°C = 30.0									90S3
x_2	0.0000	0.0984	0.1971	0.2962	0.3957	0.4955	0.5956	0.6962	0.7971
η /(mPa s)	0.9850	1.0150	0.9106	0.8054	0.7455	0.6953	0.6457	0.6053	0.5602
x_2	0.8984	1.0000							
η /(mPa s)	0.5457	0.5372							
T /°C = 40.0									90S3
x_2	0.0000	0.0984	0.1971	0.2962	0.3957	0.4955	0.5956	0.6962	0.7971

η /(mPa s)	0.8744	0.9346	0.8283	0.7455	0.6883	0.6385	0.5873	0.5525	0.5153
x_2	0.8984	1.0000							
η /(mPa s)	0.4964	0.4851							
T /°C = 50.0									90S3
x_2	0.0000	0.0984	0.1971	0.2962	0.3957	0.4955	0.5956	0.6962	0.7971
η /(mPa s)	0.7819	0.8405	0.7505	0.6804	0.6304	0.5824	0.5405	0.5044	0.4681
x_2	0.8984	1.0000							
η /(mPa s)	0.4459	0.4272							
T /°C = 60.0									90S3
x_2	0.0000	0.0984	0.1971	0.2962	0.3957	0.4955	0.5956	0.6962	0.7971
η /(mPa s)	0.7129	0.7402	0.6603	0.6053	0.5661	0.5267	0.4842	0.4602	0.4323
x_2	0.8984	1.0000							
η /(mPa s)	0.4109	0.3905							
T /°C = 25.0									66D1
w_1	0.000	0.204	0.398	0.508	0.602	1.000			
η /(mPa s)	0.539	0.603	0.658	0.700	0.750	1.037			
T /°C = 20.0									56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
η /(mPa s)	1.125	1.001	0.885	0.778	0.677	0.584			
T /°C = 40.0									56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
η /(mPa s)	0.881	0.786	0.697	0.614	0.537	0.466			
T /°C = 60.0									56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
η /(mPa s)	0.712	0.634	0.564	0.499	0.437	0.382			
T /°C = 25.0									52L1
x_1	0.000	0.129	0.267	0.379	0.505	0.629	0.736	0.853	0.882
η /(mPa s)	0.552	0.613	0.672	0.720	0.786	0.851	0.910	0.981	0.996
x_1	1.000								
η /(mPa s)	1.068								
T /°C = 30.0									52L1
x_1	0.000	0.129	0.267	0.379	0.505	0.629	0.736	0.853	0.882
η /(mPa s)	0.525	0.574	0.626	0.674	0.729	0.792	0.857	0.920	0.938
x_1	1.000								
η /(mPa s)	1.008								
T /°C = 30.0									90S3
x_2	0.0000	0.0984	0.1971	0.2962	0.3957	0.4955	0.5956	0.6962	0.7971
ν /(mm ² /s)	0.6616	0.7093	0.6684	0.6174	0.6026	0.5893	0.5812	0.5775	0.5694

x_2	0.8984	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.5846	0.6196							
$T/^\circ\text{C} = 40.0$									90S3
x_2	0.0000	0.0984	0.1971	0.2962	0.3957	0.4955	0.5956	0.6962	0.7971
$\nu /(\text{mm}^2/\text{s})$	0.5929	0.6587	0.6131	0.5762	0.5607	0.5426	0.5299	0.5289	0.5260
x_2	0.8984	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.5333	0.5675							
$T/^\circ\text{C} = 50.0$									90S3
x_2	0.0000	0.0984	0.1971	0.2962	0.3957	0.4955	0.5956	0.6962	0.7971
$\nu /(\text{mm}^2/\text{s})$	0.5352	0.5981	0.5607	0.5308	0.5182	0.4994	0.4892	0.4851	0.4803
x_2	0.8984	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4915	0.5028							
$T/^\circ\text{C} = 60.0$									90S3
x_2	0.0000	0.0984	0.1971	0.2962	0.3957	0.4955	0.5956	0.6962	0.7971
$\nu /(\text{mm}^2/\text{s})$	0.4927	0.5314	0.4977	0.4762	0.4692	0.4555	0.4388	0.4430	0.4455
x_2	0.8984	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4551	0.4608							
$T/^\circ\text{C} = 25.0$									71N2
x_1	0.2397	0.3936	0.5157	0.6117	0.6762	0.7846	0.8495		
$\nu /(\text{mm}^2/\text{s})$	0.647	0.654	0.662	0.669	0.675	0.685	0.708		
$T/^\circ\text{C} = 30.0$									71N2
x_1	0.1634	0.2002	0.2444	0.2959	0.3485	0.4051	0.4550	0.5600	0.5952
$\nu /(\text{mm}^2/\text{s})$	0.610	0.611	0.612	0.614	0.616	0.618	0.619	0.626	0.630
x_1	0.6352	0.7402							
$\nu /(\text{mm}^2/\text{s})$	0.631	0.639							
$T/^\circ\text{C} = 35.0$									71N2
x_1	0.1412	0.2787	0.3594	0.4559	0.5947	0.6772	0.7130		
$\nu /(\text{mm}^2/\text{s})$	0.583	0.588	0.593	0.599	0.610	0.617	0.621		
2109	C₆H₅Br (1)	C₇H₈O (2)	bromobenzene	methoxybenzene					108-86-1 100-66-3
$T/\text{K} = 298.15$									91A2
x_2	0.0000	0.0996	0.1949	0.2927	0.3925	0.4935	0.5913	0.6919	0.7952
$\eta /(\text{mPa s})$	1.0698	1.0836	1.0793	1.0720	1.0592	1.0520	1.0422	1.0325	1.0239
x_2	0.8992	1.0000							
$\eta /(\text{mPa s})$	1.0131	0.9912							
$T/\text{K} = 303.15$									91A2
x_2	0.0000	0.0996	0.1949	0.2927	0.3925	0.4935	0.5913	0.6919	0.7952
$\eta /(\text{mPa s})$	1.0045	1.0173	1.0106	1.0051	0.9905	0.9826	0.9704	0.9621	0.9520

x_2	0.8992	1.0000							
$\eta /(\text{mPa s})$	0.9439	0.9196							
$T/\text{K} = 308.15$									91A2
x_2	0.0000	0.0996	0.1949	0.2927	0.3925	0.4935	0.5913	0.6919	0.7952
$\eta /(\text{mPa s})$	0.9463	0.9570	0.9479	0.9392	0.9236	0.9158	0.9055	0.8959	0.8857
x_2	0.8992	1.0000							
$\eta /(\text{mPa s})$	0.8768	0.8533							
$T/\text{K} = 313.15$									91A2
x_2	0.0000	0.0996	0.1949	0.2927	0.3925	0.4935	0.5913	0.6919	0.7952
$\eta /(\text{mPa s})$	0.8883	0.8974	0.8903	0.8784	0.8659	0.8558	0.8442	0.8346	0.8247
x_2	0.8992	1.0000							
$\eta /(\text{mPa s})$	0.8135	0.7926							

2110 **C₆H₅Br (1)** **bromobenzene** **108-86-1**
C₈H₁₀ (2) **1,2-dimethyl-benzene** **95-47-6**

$T/^\circ\text{C} = 25.0$									73N1
x_1	0.1140	0.2198	0.3257	0.4383	0.5420	0.6615	0.7764	0.8820	
$\eta /(\text{mPa s})$	0.795	0.827	0.862	0.893	0.931	0.962	1.000	1.035	
$T/^\circ\text{C} = 30.0$									73N1
x_1	0.1101	0.2223	0.3227	0.4226	0.5207	0.6643	0.7720	0.8925	
$\eta /(\text{mPa s})$	0.728	0.765	0.795	0.826	0.863	0.900	0.938	0.969	
$T/^\circ\text{C} = 35.0$									73N1
x_1	0.1170	0.2219	0.3366	0.4539	0.5398	0.6572	0.7877	0.9122	
$\eta /(\text{mPa s})$	0.667	0.701	0.734	0.770	0.800	0.834	0.876	0.910	

2111 **C₆H₅Br (1)** **bromobenzene** **108-86-1**
C₈H₁₀ (2) **1,3-dimethyl-benzene** **108-38-3**

$T/^\circ\text{C} = 25.0$									73N1
x_1	0.1120	0.2214	0.3339	0.5406	0.6754	0.7672	0.8480	0.9095	
$\eta /(\text{mPa s})$	0.626	0.677	0.723	0.818	0.890	0.936	0.978	1.010	
$T/^\circ\text{C} = 30.0$									73N1
x_1	0.1100	0.2179	0.3324	0.4083	0.5319	0.6412	0.7163	0.8660	
$\eta /(\text{mPa s})$	0.592	0.635	0.685	0.715	0.768	0.819	0.853	0.927	
$T/^\circ\text{C} = 35.0$									73N1
x_1	0.1106	0.2212	0.3352	0.4140	0.5251	0.6553	0.7650	0.8807	
$\eta /(\text{mPa s})$	0.555	0.592	0.639	0.670	0.712	0.767	0.815	0.866	

2112 **C₆H₅Br (1)** **bromobenzene** **108-86-1**
C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

$T/^\circ\text{C} = 25.0$									73N1
x_1	0.1123	0.2250	0.3321	0.4327	0.5301	0.6412	0.7553	0.9107	
$\eta/(\text{mPa s})$	0.645	0.695	0.746	0.795	0.845	0.897	0.950	1.018	
$T/^\circ\text{C} = 30.0$									73N1
x_1	0.1121	0.2263	0.3316	0.4646	0.5298	0.6418	0.7550	0.9101	
$\eta/(\text{mPa s})$	0.610	0.658	0.701	0.758	0.785	0.835	0.895	0.995	
$T/^\circ\text{C} = 35.0$									73N1
x_1	0.1154	0.2200	0.3355	0.4366	0.5593	0.6816	0.7723	0.9149	
$\eta/(\text{mPa s})$	0.575	0.615	0.657	0.700	0.750	0.799	0.835	0.891	
2113	$\text{C}_6\text{H}_5\text{Br}$ (1)		bromobenzene						108-86-1
	C_9H_{12} (2)		1,3,5-trimethyl-benzene						108-67-8
$T/^\circ\text{C} = 30.0$									92A3
x_1	0.0000	0.1067	0.2066	0.3051	0.4266	0.5035	0.6028	0.7052	0.8020
$\eta/(\text{mPa s})$	0.611	0.662	0.692	0.725	0.776	0.800	0.839	0.883	0.926
x_1	0.8960	1.0000							
$\eta/(\text{mPa s})$	0.972	1.003							
$T/^\circ\text{C} = 35.0$									92A3
x_1	0.0000	0.1067	0.2066	0.3051	0.4266	0.5035	0.6028	0.7052	0.8020
$\eta/(\text{mPa s})$	0.576	0.623	0.652	0.682	0.731	0.751	0.790	0.829	0.871
x_1	0.8960	1.0000							
$\eta/(\text{mPa s})$	0.914	0.942							
$T/^\circ\text{C} = 40.0$									92A3
x_1	0.0000	0.1067	0.2066	0.3051	0.4266	0.5035	0.6028	0.7052	0.8020
$\eta/(\text{mPa s})$	0.542	0.586	0.613	0.641	0.687	0.707	0.742	0.780	0.818
x_1	0.8960	1.0000							
$\eta/(\text{mPa s})$	0.858	0.885							
2114	$\text{C}_6\text{H}_5\text{Br}$ (1)		bromobenzene						108-86-1
	$\text{C}_{10}\text{H}_{14}\text{N}_2$ (2)		(S)-(-)-nicotine						54-11-5
$T/^\circ\text{C} = 25.0$									50B2
x_2	0.0000	0.1233	0.2514	0.3725	0.4872	0.6330	0.7467	0.8885	1.0000
$\eta/(\text{mPa s})$	1.0619	1.2333	1.5435	1.8303	2.1909	2.6039	2.9670	3.5249	3.8942
$T/^\circ\text{C} = 50.0$									50B2
x_2	0.0000	0.1364	0.2587	0.3771	0.5063	0.6345	0.7216	0.8664	1.0000
$\eta/(\text{mPa s})$	0.7683	0.9080	1.0585	1.1912	1.3564	1.5590	1.6909	1.7000	2.0376
$T/^\circ\text{C} = 75.0$									50B2
x_2	0.0000	0.1364	0.2587	0.3771	0.5063	0.6345	0.7216	0.8664	1.0000

η /(mPa s)	0.5941	0.6950	0.7871	0.8500	0.9562	1.0391	1.1034	1.2596	1.2626
2115	C₆H₅Cl (1) C₆H₅I (2)	chlorobenzene iodobenzene						108-90-7 591-50-4	
$w_2 = 0.00$									50G1
T /°C	18.4	34.0	49.7	68.0	92.2	120.0	146.5		
ν /(mm ² /s)	0.657	0.564	0.490	0.421	0.355	0.295	0.261		
$w_2 = 0.19$									50G1
T /°C	20.4	36.0	50.2	76.0	97.3	116.0	136.6		
ν /(mm ² /s)	0.677	0.571	0.497	0.404	0.346	0.306	0.273		
$w_2 = 0.25$									50G1
T /°C	18.3	32.0	50.8	66.0	85.1	111.4	130.0	146.5	
ν /(mm ² /s)	0.696	0.602	0.502	0.442	0.380	0.320	0.289	0.270	
$w_2 = 0.75$									50G1
T /°C	19.9	44.0	68.6	81.5	99.5	117.5	138.0	167.4	
ν /(mm ² /s)	0.767	0.585	0.475	0.426	0.374	0.331	0.294	0.268	
$w_2 = 1.00$									50G1
T /°C	20.0	40.0	60.0	80.0	100.0	120.0	140.0		
ν /(mm ² /s)	0.81	0.70	0.56	0.46	0.40	0.34	0.30		
2116	C₆H₅Cl (1) C₆H₆ (2)	chlorobenzene benzene						108-90-7 71-43-2	
T /K = 298.15									91A2
x_2	0.0000	0.1034	0.2018	0.3030	0.4022	0.4985	0.6048	0.6994	0.8033
η /(mPa s)	0.7824	0.7546	0.7369	0.7233	0.7072	0.6923	0.6743	0.6625	0.6462
x_2	0.9031	1.0000							
η /(mPa s)	0.6320	0.6158							
T /K = 303.15									91A2
x_2	0.0000	0.1034	0.2018	0.3030	0.4022	0.4985	0.6048	0.6994	0.8033
η /(mPa s)	0.7401	0.7141	0.6977	0.6794	0.6670	0.6520	0.6347	0.6217	0.6064
x_2	0.9031	1.0000							
η /(mPa s)	0.5883	0.5752							
T /K = 308.15									91A2
x_2	0.0000	0.1034	0.2018	0.3030	0.4022	0.4985	0.6048	0.6994	0.8033
η /(mPa s)	0.6987	0.6727	0.6556	0.6411	0.6281	0.6109	0.5958	0.5832	0.5679
x_2	0.9031	1.0000							
η /(mPa s)	0.5512	0.5380							
T /K = 313.15									91A2

x_2	0.0000	0.1034	0.2018	0.3030	0.4022	0.4985	0.6048	0.6994	0.8033
$\eta /(\text{mPa s})$	0.6574	0.6346	0.6178	0.6041	0.5902	0.5747	0.5628	0.5482	0.5333
x_2	0.9031	1.0000							
$\eta /(\text{mPa s})$	0.5146	0.5022							
$T/^\circ\text{C} = 30.0$									74F1
x_2	0.0000	0.0895	0.1901	0.3017	0.4391	0.5197	0.6153	0.6925	0.8791
$\eta /(\text{mPa s})$	0.7129	0.7004	0.6847	0.6667	0.6463	0.6360	0.6201	0.6094	0.5971
x_2	1.0000								
$\eta /(\text{mPa s})$	0.5597								
$T/^\circ\text{C} = 40.0$									74F1
x_2	0.0000	0.0895	0.1901	0.3017	0.4391	0.5197	0.6153	0.6925	0.8791
$\eta /(\text{mPa s})$	0.6392	0.6271	0.6122	0.5958	0.5766	0.5636	0.5526	0.5399	0.5129
x_2	1.0000								
$\eta /(\text{mPa s})$	0.4895								
$T/^\circ\text{C} = 50.0$									74F1
x_2	0.0000	0.0895	0.1901	0.3017	0.4391	0.5197	0.6153	0.6925	0.8791
$\eta /(\text{mPa s})$	0.5505	0.5390	0.5243	0.5098	0.4912	0.4809	0.4663	0.4579	0.4316
x_2	1.0000								
$\eta /(\text{mPa s})$	0.4055								
$T/^\circ\text{C} = 25.0$									58L2
x_1	0.000	0.080	0.121	0.162	0.800	1.000			
$\eta /(\text{mPa s})$	0.602	0.613	0.620	0.623	0.718	0.750			
$T/^\circ\text{C} = 35.0$									58L2
x_1	0.000	0.080	0.121	0.162	1.000				
$\eta /(\text{mPa s})$	0.527	0.537	0.544	0.547	0.669				
$T/^\circ\text{C} = 45.0$									58L2
x_1	0.000	0.080	0.121	0.162	1.000				
$\eta /(\text{mPa s})$	0.464	0.475	0.482	0.486	0.601				
$T/^\circ\text{C} = 50.0$									58L2
x_1	0.000	0.080	0.121	0.162	0.800	1.000			
$\eta /(\text{mPa s})$	0.436	0.444	0.451	0.454	0.541	0.566			
$x_1 = 0.028$									40L1, 41L1
$T/^\circ\text{C}$	20.15	40.0	59.9						
$\eta /(\text{mPa s})$	0.6845	0.5278	0.4300						
$x_1 = 0.073$									40L1, 41L1
$T/^\circ\text{C}$	19.8	40.6	59.9	73.7					
$\eta /(\text{mPa s})$	0.6869	0.5223	0.4284	0.3992					
$x_1 = 0.143$									40L1, 41L1

$T/^\circ\text{C}$	20.0	30.0	40.0	49.7	68.8				
$\eta/(\text{mPa}\cdot\text{s})$	0.6759	0.6027	0.5400	0.5005	0.4031				
$x_1 = 0.232$									40L1, 41L1
$T/^\circ\text{C}$	20.4	40.1	60.0						
$\eta/(\text{mPa}\cdot\text{s})$	0.7110	0.5469	0.4432						
$x_1 = 0.318$									40L1, 41L1
$T/^\circ\text{C}$	20.5	39.9	60.0						
$\eta/(\text{mPa}\cdot\text{s})$	0.7337	0.5743	0.4674						
$x_1 = 0.418$									40L1, 41L1
$T/^\circ\text{C}$	19.7	40.0	61.1	73.6					
$\eta/(\text{mPa}\cdot\text{s})$	0.7610	0.5831	0.4774	0.4532					
$x_1 = 0.512$									40L1, 41L1
$T/^\circ\text{C}$	19.9	40.2	61.6	73.3					
$\eta/(\text{mPa}\cdot\text{s})$	0.7588	0.5930	0.4825	0.4414					
$x_1 = 0.568$									40L1, 41L1
$T/^\circ\text{C}$	19.6	40.6	60.0	74.1					
$\eta/(\text{mPa}\cdot\text{s})$	0.7679	0.5979	0.4892	0.4350					
$x_1 = 0.707$									40L1, 41L1
$T/^\circ\text{C}$	19.7	40.1	60.3	74.1					
$\eta/(\text{mPa}\cdot\text{s})$	0.7862	0.6187	0.5074	0.4521					
$x_1 = 0.849$									40L1, 41L1
$T/^\circ\text{C}$	19.8	40.6	60.5	74.2					
$\eta/(\text{mPa}\cdot\text{s})$	0.8110	0.6472	0.5245	0.4663					
$T/^\circ\text{C} = 25.0$									71N2
x_1	0.1487	0.2371	0.3363	0.3988	0.4731	0.4971	0.6601	0.7201	
$\nu/(\text{mm}^2/\text{s})$	0.675	0.674	0.673	0.673	0.673	0.676	0.678	0.678	
$T/^\circ\text{C} = 30.0$									71N2
x_1	0.1972	0.2445	0.4287	0.4711	0.5445	0.5529	0.6845	0.8037	
$\nu/(\text{mm}^2/\text{s})$	0.647	0.645	0.642	0.642	0.642	0.642	0.643	0.644	
$T/^\circ\text{C} = 35.0$									71N2
x_1	0.2601	0.3142	0.4749	0.5339	0.6571	0.7752			
$\nu/(\text{mm}^2/\text{s})$	0.608	0.608	0.608	0.609	0.611	0.614			
2117	$\text{C}_6\text{H}_5\text{Cl}$ (1)		chlorobenzene						108-90-7
	$\text{C}_6\text{H}_6\text{ClN}$ (2)		3-chloro-aniline						108-42-9
$T/^\circ\text{C} = 20.0$									67Z1
x_2	0.0000	0.0258	0.0574	0.0805	0.1095	0.1589	0.1623	0.2232	0.2776
$\eta/(\text{mPa}\cdot\text{s})$	0.802	0.821	0.851	0.876	0.900	0.953	0.957	1.030	1.109

x_2	0.2835	0.3641	0.4768	0.6988	0.7066	0.8995	1.0000
$\eta /(\text{mPa s})$	1.117	1.254	1.500	2.178	2.201	3.119	3.742

2118	C₆H₅Cl (1) C₆H₆O (2)	chlorobenzene phenol	108-90-7 108-95-2
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$T/^\circ\text{C} = 25.0$ 16B1

w_2	0.0000	0.0493	0.0978	0.2173	0.3043	0.3890	0.4990	0.5815	0.7141
$\eta /(\text{mPa s})$	0.768	0.825	0.888	1.122	1.374	1.673	2.218	2.748	4.070

w_2	0.8145	1.0000
$\eta /(\text{mPa s})$	5.555	11.04

2119	C₆H₅Cl (1) C₆H₇N (2)	chlorobenzene aniline	108-90-7 62-53-3
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$T/^\circ\text{C} = 25.0$ 88S2

x_2	0.0540	0.1061	0.2126	0.3220	0.3726	0.4213	0.4743	0.5216	0.5669
$\eta /(\text{mPa s})$	0.804	0.843	0.926	1.063	1.117	1.189	1.288	1.371	1.474

x_2	0.6039	0.6457	0.6704	0.7139	0.8071	0.9003
$\eta /(\text{mPa s})$	1.561	1.670	1.761	1.895	2.289	2.843

$T/^\circ\text{C} = 35.0$ 88S2

x_2	0.0540	0.1061	0.2126	0.3220	0.3726	0.4213	0.4743	0.5216	0.5669
$\eta /(\text{mPa s})$	0.709	0.739	0.808	0.897	0.946	1.001	1.069	1.134	1.212

x_2	0.6039	0.6457	0.6704	0.7139	0.8071	0.9003
$\eta /(\text{mPa s})$	1.275	1.355	1.410	1.514	1.789	2.141

$T/^\circ\text{C} = 45.0$ 88S2

x_2	0.0540	0.1061	0.2126	0.3220	0.3726	0.4743	0.5669
$\eta /(\text{mPa s})$	0.657	0.651	0.702	0.773	0.812	0.906	1.010

x_2	0.6039	0.6457	0.6704	0.7139	0.8071	0.9003
$\eta /(\text{mPa s})$	1.057	1.113	1.156	1.228	1.420	1.682

$T/^\circ\text{C} = 20.0$ 67Z1

x_2	0.0000	0.0303	0.0585	0.0660	0.1207	0.1308	0.1678	0.2242	0.2460
$\eta /(\text{mPa s})$	0.802	0.817	0.835	0.840	0.879	0.887	0.918	0.972	0.993

x_2	0.3152	0.3305	0.4193	0.4483	0.5220	0.6458	0.7169	0.8927	1.0000
$\eta /(\text{mPa s})$	1.085	1.105	1.257	1.313	1.485	1.882	2.203	3.381	4.402

2120	C₆H₅Cl (1) C₆H₁₀O₂ (2)	chlorobenzene 2-methyl-prop-2-enoic acid ethyl ester	108-90-7 97-63-2
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$T/\text{K} = 303.15$ 96S1

x_2	0.0000	0.0358	0.1699	0.3526	0.4478	0.6550	0.7647	0.9487	1.0000
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η /(mPa s)	0.7180	0.7054	0.6800	0.6505	0.6354	0.6035	0.5885	0.5651	0.5563	
2121	C₆H₅Cl (1)	C₆H₁₂ (2)	chlorobenzene cyclohexane						108-90-7	110-82-7
$x_2 = 0.20$									40L1, 41L1	
$T/^\circ\text{C}$	11.9	21.7	30.1	40.6	49.7					
η /(mPa s)	1.0293	0.8890	0.7829	0.6758	0.6059					
$x_2 = 0.30$									40L1, 41L1	
$T/^\circ\text{C}$	12.9	20.7	30.1	39.6	49.7					
η /(mPa s)	0.9766	0.8665	0.7564	0.6660	0.5926					
$x_2 = 0.40$									40L1, 41L1	
$T/^\circ\text{C}$	13.2	22.0	30.7	39.8	49.4					
η /(mPa s)	0.9430	0.8189	0.7319	0.5637	0.5850					
$x_2 = 0.503$									40L1, 41L1	
$T/^\circ\text{C}$	13.0	20.5	30.8	39.6	49.4					
η /(mPa s)	0.9249	0.8340	0.7249	0.6502	0.5847					
$x_2 = 0.60$									40L1, 41L1	
$T/^\circ\text{C}$	13.0	21.4	30.7	39.8	49.6					
η /(mPa s)	0.9216	0.8190	0.7276	0.6505	0.5803					
$x_2 = 0.70$									40L1, 41L1	
$T/^\circ\text{C}$	12.7	21.1	29.9	40.3	49.6					
η /(mPa s)	0.9199	0.8154	0.7380	0.6518	0.5910					
$x_2 = 0.80$									40L1, 41L1	
$T/^\circ\text{C}$	12.5	21.6	30.6	40.1	50.2					
η /(mPa s)	0.9097	0.8056	0.7191	0.6448	0.5817					
$x_2 = 0.90$									40L1, 41L1	
$T/^\circ\text{C}$	12.6	24.0	30.3	39.5						
η /(mPa s)	0.9142	0.7894	0.7310	0.6777						

2122	C₆H₅Cl (1)	C₆H₁₂O₂ (2)	chlorobenzene butyric acid ethyl ester						108-90-7	105-54-4
$T/\text{K} = 308.15$									99S1	
x_2	0.0000	0.0537	0.0994	0.1869	0.3570	0.4049	0.4939	0.5929	0.6953	
η /(mPa s)	0.675	0.646	0.637	0.622	0.599	0.593	0.585	0.579	0.574	
x_2	0.7941	0.9017	0.9369	1.0000						
η /(mPa s)	0.573	0.573	0.574	0.576						
$T/\text{K} = 318.15$									99S1	
x_2	0.0000	0.0537	0.0994	0.1869	0.3570	0.4049	0.4939	0.5929	0.6953	

η /(mPa s)	0.607	0.596	0.588	0.574	0.552	0.548	0.541	0.535	0.532
x_2	0.7941	0.9017	0.9369	1.0000					
η /(mPa s)	0.532	0.534	0.535	0.538					

2123	C₆H₅Cl (1)	C₆H₁₄ (2)	chlorobenzene hexane							108-90-7 110-54-3
$T/^\circ\text{C} = 30.0$										
x_2	0.0000	0.0793	0.1624	0.2494	0.3407	0.4367	0.5377	0.6440	0.7562	
η /(mPa s)	0.7184	0.6623	0.6095	0.5578	0.5101	0.4658	0.4254	0.3927	0.3549	
x_2	0.8747	1.0000								
η /(mPa s)	0.3227	0.2977								
$T/^\circ\text{C} = 40.0$										
x_2	0.0000	0.0793	0.1624	0.2494	0.3407	0.4367	0.5377	0.6440	0.7562	
η /(mPa s)	0.6469	0.6011	0.5513	0.5124	0.4699	0.4288	0.3946	0.3647	0.3305	
x_2	0.8747	1.0000								
η /(mPa s)	0.3021	0.2768								
$T/^\circ\text{C} = 50.0$										
x_2	0.0000	0.0793	0.1624	0.2494	0.3407	0.4367	0.5377	0.6440	0.7562	
η /(mPa s)	0.5724	0.5314	0.4893	0.4543	0.4164	0.3835	0.3551	0.3268	0.2997	
x_2	0.8747	1.0000								
η /(mPa s)	0.2745	0.2524								
$T/^\circ\text{C} = 60.0$										
x_2	0.0000	0.0793	0.1624	0.2494	0.3407	0.4367	0.5377	0.6440	0.7562	
η /(mPa s)	0.5198	0.4849	0.4498	0.4146	0.3912	0.3529	0.3258	0.3002	0.2784	
x_2	0.8747	1.0000								
η /(mPa s)	0.2559	0.2347								
$T/^\circ\text{C} = 30.0$										
x_2	0.0000	0.0793	0.1624	0.2494	0.3407	0.4367	0.5377	0.6440	0.7562	
ν /(mm ² /s)	0.6530	0.6251	0.6022	0.5730	0.5514	0.5273	0.5082	0.4955	0.4739	
x_2	0.8747	1.0000								
ν /(mm ² /s)	0.4574	0.4523								
$T/^\circ\text{C} = 40.0$										
x_2	0.0000	0.0793	0.1624	0.2494	0.3407	0.4367	0.5377	0.6440	0.7562	
ν /(mm ² /s)	0.5913	0.5713	0.5487	0.5299	0.5117	0.4886	0.4748	0.4623	0.4435	
x_2	0.8747	1.0000								
ν /(mm ² /s)	0.4322	0.4247								
$T/^\circ\text{C} = 50.0$										
x_2	0.0000	0.0793	0.1624	0.2494	0.3407	0.4367	0.5377	0.6440	0.7562	
ν /(mm ² /s)	0.5257	0.5076	0.4896	0.4739	0.4571	0.4403	0.4307	0.4119	0.4078	

x_2	0.8747	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.3969	0.3922							
$T / ^\circ\text{C} = 60.0$									84S2
x_2	0.0000	0.0793	0.1624	0.2494	0.3407	0.4367	0.5377	0.6440	0.7562
$\nu /(\text{mm}^2/\text{s})$	0.4796	0.4654	0.4513	0.4337	0.4337	0.4067	0.3973	0.3879	0.3808
x_2	0.8747	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.3726	0.3691							
2124	C₆H₅Cl (1)		chlorobenzene						108-90-7
	C₆H₁₄O (2)		hexan-1-ol						111-27-3
$T / ^\circ\text{C} = 30.0$									84S3
x_1	0.0000	0.1198	0.2344	0.3442	0.4494	0.5504	0.6475	0.7407	0.8304
$\eta /(\text{mPa s})$	3.765	2.934	2.319	1.840	1.510	1.245	1.060	0.9249	0.8248
x_1	0.9168	1.0000							
$\eta /(\text{mPa s})$	0.7545	0.7184							
$T / ^\circ\text{C} = 40.0$									84S3
x_1	0.0000	0.1198	0.2344	0.3442	0.4494	0.5504	0.6475	0.7407	0.8304
$\eta /(\text{mPa s})$	2.934	2.320	1.880	1.521	1.280	1.070	0.9245	0.8168	0.7301
x_1	0.9168	1.0000							
$\eta /(\text{mPa s})$	0.6851	0.6469							
$T / ^\circ\text{C} = 50.0$									84S3
x_1	0.0000	0.1198	0.2344	0.3442	0.4494	0.5504	0.6475	0.7407	0.8304
$\eta /(\text{mPa s})$	2.169	1.738	1.440	1.181	1.010	0.8662	0.7647	0.6909	0.6294
x_1	0.9168	1.0000							
$\eta /(\text{mPa s})$	0.5904	0.5724							
$T / ^\circ\text{C} = 60.0$									84S3
x_1	0.0000	0.1198	0.2344	0.3442	0.4494	0.5504	0.6475	0.7407	0.8304
$\eta /(\text{mPa s})$	1.655	1.364	1.140	0.9653	0.8195	0.7308	0.6601	0.6021	0.5604
x_1	0.9168	1.0000							
$\eta /(\text{mPa s})$	0.5245	0.5198							
$T / ^\circ\text{C} = 30.0$									84S3
x_1	0.0000	0.1198	0.2344	0.3442	0.4494	0.5504	0.6475	0.7407	0.8304
$\nu /(\text{mm}^2/\text{s})$	4.628	3.480	2.666	2.044	1.625	1.301	1.076	0.9122	0.7915
x_1	0.9168	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.7039	0.6530							
$T / ^\circ\text{C} = 40.0$									84S3
x_1	0.0000	0.1198	0.2344	0.3442	0.4494	0.5504	0.6475	0.7407	0.8304
$\nu /(\text{mm}^2/\text{s})$	3.619	2.764	2.171	1.698	1.386	1.123	0.9434	0.8093	0.7041
x_1	0.9168	1.0000							

$\nu /(\text{mm}^2/\text{s})$	0.6427	0.5913							
$T/^\circ\text{C} = 50.0$									84S3
x_1	0.0000	0.1198	0.2344	0.3442	0.4494	0.5504	0.6475	0.7407	0.8304
$\nu /(\text{mm}^2/\text{s})$	2.689	2.080	1.672	1.325	1.100	0.9143	0.7843	0.6881	0.6099
x_1	0.9168	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.5569	0.5257							
$T/^\circ\text{C} = 60.0$									84S3
x_1	0.0000	0.1198	0.2344	0.3442	0.4494	0.5504	0.6475	0.7407	0.8304
$\nu /(\text{mm}^2/\text{s})$	2.059	1.639	1.327	1.088	0.8956	0.7758	0.6806	0.6029	0.5454
x_1	0.9168	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4972	0.4796							
2125	$\text{C}_6\text{H}_5\text{Cl}$ (1)		chlorobenzene						108-90-7
	$\text{C}_6\text{H}_{15}\text{N}$ (2)		triethylamine						121-44-8
$T/\text{K} = 298.15$									84W1
φ_2	0.0000	0.1954	0.2977	0.4088	0.4753	0.5783	0.6952	0.8265	0.8710
$\nu /(\text{mm}^2/\text{s})$	0.6785	0.6466	0.6272	0.6068	0.5946	0.5680	0.5440	0.5150	0.5051
φ_2	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.4908								
2126	$\text{C}_6\text{H}_5\text{Cl}$ (1)		chlorobenzene						108-90-7
	C_7H_8 (2)		toluene						108-88-3
$T/^\circ\text{C} = 30.0$									92A3
x_1	0.0000	0.1017	0.2054	0.3052	0.4013	0.5079	0.6006	0.7027	0.8007
$\eta /(\text{mPa s})$	0.527	0.561	0.580	0.601	0.619	0.638	0.658	0.679	0.696
x_1	0.8996	1.0000							
$\eta /(\text{mPa s})$	0.715	0.723							
$T/^\circ\text{C} = 35.0$									92A3
x_1	0.0000	0.1017	0.2054	0.3052	0.4013	0.5079	0.6006	0.7027	0.8007
$\eta /(\text{mPa s})$	0.498	0.529	0.548	0.567	0.585	0.603	0.621	0.641	0.659
x_1	0.8996	1.0000							
$\eta /(\text{mPa s})$	0.675	0.683							
$T/^\circ\text{C} = 40.0$									92A3
x_1	0.0000	0.1017	0.2054	0.3052	0.4013	0.5079	0.6006	0.7027	0.8007
$\eta /(\text{mPa s})$	0.470	0.500	0.516	0.539	0.552	0.569	0.585	0.602	0.620
x_1	0.8996	1.0000							
$\eta /(\text{mPa s})$	0.636	0.643							
$T/\text{K} = 298.15$									91A2

x_2	0.0000	0.1010	0.2035	0.3026	0.4005	0.5004	0.6014	0.7008	0.8048
$\eta /(\text{mPa s})$	0.7824	0.7515	0.7315	0.7086	0.6929	0.6721	0.6486	0.6321	0.6088
x_2	0.8995	1.0000							
$\eta /(\text{mPa s})$	0.5920	0.5690							
$T/\text{K} = 303.15$									91A2
x_2	0.0000	0.1010	0.2035	0.3026	0.4005	0.5004	0.6014	0.7008	0.8048
$\eta /(\text{mPa s})$	0.7401	0.7125	0.6925	0.6713	0.6547	0.6370	0.6131	0.5992	0.5770
x_2	0.8995	1.0000							
$\eta /(\text{mPa s})$	0.5584	0.5412							
$T/\text{K} = 308.15$									91A2
x_2	0.0000	0.1010	0.2035	0.3026	0.4005	0.5004	0.6014	0.7008	0.8048
$\eta /(\text{mPa s})$	0.6987	0.6704	0.6518	0.6334	0.6181	0.5983	0.5769	0.5641	0.5447
x_2	0.8995	1.0000							
$\eta /(\text{mPa s})$	0.5279	0.5118							
$T/\text{K} = 313.15$									91A2
x_2	0.0000	0.1010	0.2035	0.3026	0.4005	0.5004	0.6014	0.7008	0.8048
$\eta /(\text{mPa s})$	0.6574	0.6317	0.6152	0.5974	0.5833	0.5662	0.5450	0.5312	0.5134
x_2	0.8995	1.0000							
$\eta /(\text{mPa s})$	0.4983	0.4804							
$T/^\circ\text{C} = 30.0$									83S1
x_2	0.0000	0.0961	0.1930	0.2907	0.3894	0.4889	0.5893	0.6906	0.7928
$\eta /(\text{mPa s})$	0.7184	0.6999	0.6791	0.6641	0.6454	0.6300	0.6109	0.5935	0.5753
x_2	0.8959	1.0000							
$\eta /(\text{mPa s})$	0.5561	0.5372							
$T/^\circ\text{C} = 40.0$									83S1
x_2	0.0000	0.0961	0.1930	0.2907	0.3894	0.4889	0.5893	0.6906	0.7928
$\eta /(\text{mPa s})$	0.6469	0.6302	0.6128	0.5947	0.5789	0.5763	0.5475	0.5414	0.5159
x_2	0.8959	1.0000							
$\eta /(\text{mPa s})$	0.5005	0.4851							
$T/^\circ\text{C} = 50.0$									83S1
x_2	0.0000	0.0961	0.1930	0.2907	0.3894	0.4889	0.5893	0.6906	0.7928
$\eta /(\text{mPa s})$	0.5724	0.5575	0.5432	0.5310	0.5111	0.5008	0.4829	0.4715	0.4539
x_2	0.8959	1.0000							
$\eta /(\text{mPa s})$	0.4396	0.4272							
$T/^\circ\text{C} = 60.0$									83S1
x_2	0.0000	0.0961	0.1930	0.2907	0.3894	0.4889	0.5893	0.6906	0.7928
$\eta /(\text{mPa s})$	0.5198	0.5058	0.4927	0.4816	0.4654	0.4545	0.4394	0.4257	0.4117
x_2	0.8959	1.0000							
$\eta /(\text{mPa s})$	0.4000	0.3905							

$T/^\circ\text{C} = 25.0$							66D1		
w_1	0.000	0.231	0.404	0.599	0.792	1.000			
$\eta/(\text{mPa}\cdot\text{s})$	0.539	0.577	0.608	0.646	0.687	0.733			
$T/^\circ\text{C} = 20.0$							56T2		
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta/(\text{mPa}\cdot\text{s})$	0.793	0.751	0.709	0.667	0.626	0.584			
$T/^\circ\text{C} = 40.0$							56T2		
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta/(\text{mPa}\cdot\text{s})$	0.632	0.597	0.564	0.530	0.498	0.466			
$T/^\circ\text{C} = 60.0$							56T2		
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta/(\text{mPa}\cdot\text{s})$	0.517	0.488	0.461	0.434	0.407	0.382			
$x_1 = 0.10$							40L1, 41L1		
$T/^\circ\text{C}$	12.4	21.7	30.4	40.1	49.6				
$\eta/(\text{mPa}\cdot\text{s})$	0.7266	0.6367	0.5816	0.5257	0.4780				
$x_1 = 0.20$							40L1, 41L1		
$T/^\circ\text{C}$	12.9	21.4	31.0	40.2	49.7				
$\eta/(\text{mPa}\cdot\text{s})$	0.7522	0.6717	0.6008	0.5458	0.4964				
$x_1 = 0.30$							40L1, 41L1		
$T/^\circ\text{C}$	12.9	21.6	30.2	39.9	49.4				
$\eta/(\text{mPa}\cdot\text{s})$	0.7791	0.6949	0.6272	0.5336	0.5132				
$x_1 = 0.40$							40L1, 41L1		
$T/^\circ\text{C}$	12.3	21.9	30.6	40.1	50.0				
$\eta/(\text{mPa}\cdot\text{s})$	0.8107	0.7214	0.6426	0.5837	0.5282				
$x_1 = 0.70$							40L1, 41L1		
$T/^\circ\text{C}$	13.0	21.4	30.1	40.5	50.8				
$\eta/(\text{mPa}\cdot\text{s})$	0.8893	0.7968	0.7203	0.6385	0.5735				
$T/^\circ\text{C} = 30.0$							83S1		
x_2	0.0000	0.0961	0.1930	0.2907	0.3894	0.4889	0.5893	0.6906	0.7928
$\nu/(\text{mm}^2/\text{s})$	0.6530	0.6505	0.6479	0.6467	0.6441	0.6429	0.6384	0.6353	0.6314
x_2	0.8959	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.6276	0.6196							
$T/^\circ\text{C} = 40.0$							83S1		
x_2	0.0000	0.0961	0.1930	0.2907	0.3894	0.4889	0.5893	0.6906	0.7928
$\nu/(\text{mm}^2/\text{s})$	0.5913	0.5901	0.5876	0.5802	0.5813	0.5901	0.5776	0.5826	0.5725
x_2	0.8959	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.5700	0.5675							
$T/^\circ\text{C} = 50.0$							83S1		

x_2	0.0000	0.0961	0.1930	0.2907	0.3894	0.4889	0.5893	0.6906	0.7928
$\nu /(\text{mm}^2/\text{s})$	0.5257	0.5245	0.5233	0.5209	0.5173	0.5161	0.5137	0.5113	0.5077
x_2	0.8959	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.5052	0.5028							
$T/^\circ\text{C} = 60.0$									83S1
x_2	0.0000	0.0961	0.1930	0.2907	0.3894	0.4889	0.5893	0.6906	0.7928
$\eta /(\text{mPa s})$	0.4796	0.4772	0.4760	0.4749	0.4725	0.4713	0.4689	0.4678	0.4631
x_2	0.8959	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4619	0.4608							
$T/^\circ\text{C} = 25.0$									71N2
x_1	0.1289	0.2937	0.3780	0.5536	0.5685	0.6420	0.7382	0.9147	
$\nu /(\text{mm}^2/\text{s})$	0.655	0.666	0.671	0.660	0.658	0.688	0.690	0.736	
$T/^\circ\text{C} = 30.0$									71N2
x_1	0.2270	0.3340	0.4368	0.4662	0.5486	0.6838	0.7390		
$\nu /(\text{mm}^2/\text{s})$	0.627	0.633	0.638	0.638	0.641	0.644	0.668		
$T/^\circ\text{C} = 35.0$									71N2
x_1	0.1642	0.1932	0.3391	0.4264	0.7385	0.8710			
$\nu /(\text{mm}^2/\text{s})$	0.570	0.594	0.602	0.606	0.616	0.622			

2127	$\text{C}_6\text{H}_5\text{Cl}$ (1)	chlorobenzene								108-90-7
	$\text{C}_7\text{H}_8\text{O}$ (2)	methoxybenzene								100-66-3
$T/^\circ\text{C} = 25.0$										90J3
x_2	0.0000	0.0994	0.2000	0.2957	0.3982	0.5028	0.6002	0.7006	0.7995	
$\eta /(\text{mPa s})$	0.7562	0.7921	0.8143	0.8336	0.8576	0.8800	0.9024	0.9275	0.9474	
x_2	0.8997	1.0000								
$\eta /(\text{mPa s})$	0.9779	0.9785								
$T/^\circ\text{C} = 30.0$										90J3
x_2	0.0000	0.0994	0.2000	0.2957	0.3982	0.5028	0.6002	0.7006	0.7995	
$\eta /(\text{mPa s})$	0.7155	0.7495	0.7657	0.7850	0.8026	0.8232	0.8438	0.8635	0.8808	
x_2	0.8997	1.0000								
$\eta /(\text{mPa s})$	0.9091	0.9070								
$T/^\circ\text{C} = 35.0$										90J3
x_2	0.0000	0.0994	0.2000	0.2957	0.3982	0.5028	0.6002	0.7006	0.7995	
$\eta /(\text{mPa s})$	0.6769	0.7047	0.7212	0.7354	0.7535	0.7693	0.7866	0.8038	0.8201	
x_2	0.8997	1.0000								
$\eta /(\text{mPa s})$	0.8444	0.8422								
$T/^\circ\text{C} = 40.0$										90J3
x_2	0.0000	0.0994	0.2000	0.2957	0.3982	0.5028	0.6002	0.7006	0.7995	
$\eta /(\text{mPa s})$	0.6370	0.6642	0.6768	0.6921	0.7064	0.7227	0.7366	0.7511	0.7649	

x_2	0.8997	1.0000
$\eta /(\text{mPa s})$	0.7855	0.7814

2128	C₆H₅Cl (1)	C₇H₈O (2)	chlorobenzene phenylmethanol							108-90-7 100-51-6
$T / ^\circ\text{C} = 30.0$										84S3
x_1	0.0000	0.1013	0.2023	0.3030	0.4034	0.5036	0.6034	0.7030	0.8023	
$\eta /(\text{mPa s})$	4.605	3.683	2.964	2.401	1.940	1.586	1.320	1.105	0.9401	
x_1	0.9013	1.0000								
$\eta /(\text{mPa s})$	0.8077	0.7184								
$T / ^\circ\text{C} = 40.0$										84S3
x_1	0.0000	0.1013	0.2023	0.3030	0.4034	0.5036	0.6034	0.7030	0.8023	
$\eta /(\text{mPa s})$	3.533	2.852	2.360	1.921	1.599	1.338	1.140	0.9594	0.8397	
x_1	0.9013	1.0000								
$\eta /(\text{mPa s})$	0.7255	0.6469								
$T / ^\circ\text{C} = 50.0$										84S3
x_1	0.0000	0.1013	0.2023	0.3030	0.4034	0.5036	0.6034	0.7030	0.8023	
$\eta /(\text{mPa s})$	2.646	2.223	1.879	1.576	1.310	1.081	0.9499	0.8077	0.7169	
x_1	0.9013	1.0000								
$\eta /(\text{mPa s})$	0.6248	0.5724								
$T / ^\circ\text{C} = 60.0$										84S3
x_1	0.0000	0.1013	0.2023	0.3030	0.4034	0.5036	0.6034	0.7030	0.8023	
$\eta /(\text{mPa s})$	2.037	1.746	1.483	1.258	1.070	0.9221	0.7997	0.6904	0.6104	
x_1	0.9013	1.0000								
$\eta /(\text{mPa s})$	0.5386	0.5198								
$T / ^\circ\text{C} = 30.0$										84S3
x_1	0.0000	0.1013	0.2023	0.3030	0.4034	0.5036	0.6034	0.7030	0.8023	
$\nu /(\text{mm}^2/\text{s})$	4.420	3.513	2.814	2.264	1.822	1.480	1.226	1.020	0.8639	
x_1	0.9013	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.7382	0.6530								
$T / ^\circ\text{C} = 40.0$										84S3
x_1	0.0000	0.1013	0.2023	0.3030	0.4034	0.5036	0.6034	0.7030	0.8023	
$\nu /(\text{mm}^2/\text{s})$	3.401	2.731	2.249	1.819	1.508	1.254	1.064	0.8908	0.7755	
x_1	0.9013	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.6653	0.5913								
$T / ^\circ\text{C} = 50.0$										84S3
x_1	0.0000	0.1013	0.2023	0.3030	0.4034	0.5036	0.6034	0.7030	0.8023	
$\nu /(\text{mm}^2/\text{s})$	2.556	2.135	1.797	1.499	1.240	1.018	0.8902	0.7531	0.6652	
x_1	0.9013	1.0000								

$v / (\text{mm}^2/\text{s})$ 0.5762 0.5257

$T / ^\circ\text{C} = 60.0$

84S3

x_1 0.0000 0.1013 0.2023 0.3030 0.4034 0.5036 0.6034 0.7030 0.8023

$v / (\text{mm}^2/\text{s})$ 1.975 1.683 1.422 1.201 1.017 0.8709 0.7523 0.6465 0.5689

x_1 0.9013 1.0000

$v / (\text{mm}^2/\text{s})$ 0.4995 0.4796

2129 **$\text{C}_6\text{H}_5\text{Cl}$ (1)** **chlorobenzene** **108-90-7**
 C_8H_{10} (2) **1,2-dimethyl-benzene** **95-47-6**

$T / ^\circ\text{C} = 25.0$

73N1

x_1 0.1217 0.2237 0.4305 0.5325 0.6305 0.7288 0.8295 0.9051

$\eta / (\text{mPa s})$ 0.755 0.760 0.759 0.753 0.760 0.755 0.756 0.750

$T / ^\circ\text{C} = 30.0$

73N1

x_1 0.1005 0.2307 0.3108 0.4337 0.5454 0.6679 0.7762 0.8807

$\eta / (\text{mPa s})$ 0.712 0.708 0.704 0.706 0.705 0.705 0.706 0.705

$T / ^\circ\text{C} = 35.0$

73N1

x_1 0.1214 0.2389 0.3117 0.4128 0.5674 0.6882 0.7891 0.9156

$\eta / (\text{mPa s})$ 0.660 0.666 0.653 0.657 0.653 0.661 0.661 0.660

2130 **$\text{C}_6\text{H}_5\text{Cl}$ (1)** **chlorobenzene** **108-90-7**
 C_8H_{10} (2) **1,3-dimethyl-benzene** **108-38-3**

$T / ^\circ\text{C} = 25.0$

73N1

x_1 0.1144 0.2316 0.3370 0.4432 0.5417 0.6319 0.7398 0.8385 0.9124

$\eta / (\text{mPa s})$ 0.598 0.621 0.641 0.657 0.673 0.687 0.706 0.722 0.734

$T / ^\circ\text{C} = 30.0$

73N1

x_1 0.1363 0.2224 0.3453 0.4555 0.5832 0.6956 0.7881 0.9065

$\eta / (\text{mPa s})$ 0.570 0.585 0.608 0.625 0.645 0.667 0.679 0.695

$T / ^\circ\text{C} = 35.0$

73N1

x_1 0.1144 0.2318 0.3419 0.4624 0.5653 0.6803 0.7947 0.9082

$\eta / (\text{mPa s})$ 0.534 0.550 0.572 0.587 0.602 0.615 0.635 0.649

2131 **$\text{C}_6\text{H}_5\text{Cl}$ (1)** **chlorobenzene** **108-90-7**
 C_8H_{10} (2) **1,4-dimethyl-benzene** **106-42-3**

$T / ^\circ\text{C} = 25.0$

73N1

x_1 0.1317 0.2304 0.3342 0.4457 0.5734 0.6411 0.7297 0.8241 0.9089

$\eta / (\text{mPa s})$ 0.622 0.640 0.658 0.675 0.692 0.700 0.715 0.725 0.737

$T / ^\circ\text{C} = 30.0$

73N1

x_1 0.1150 0.2331 0.3319 0.4650 0.5650 0.6929 0.7812 0.9072

η /(mPa s)	0.587	0.605	0.621	0.641	0.655	0.671	0.685	0.697	
$T/^\circ\text{C} = 35.0$									73N1
x_1	0.1144	0.2301	0.3415	0.4598	0.5620	0.6931	0.8136	0.9040	
η /(mPa s)	0.550	0.571	0.585	0.605	0.615	0.630	0.645	0.651	
2132	C₆H₅Cl (1) C₈H₁₄O₂ (2)		chlorobenzene 2-methyl-prop-2-enoic acid butyl ester						108-90-7 97-88-1
$T/\text{K} = 303.15$									96S1
x_2	0.0000	0.0267	0.1386	0.2979	0.3879	0.5969	0.7182	0.9304	1.0000
η /(mPa s)	0.7180	0.7220	0.7474	0.7770	0.7979	0.8321	0.8403	0.8483	0.8508
2133	C₆H₅Cl (1) C₉H₁₂ (2)		chlorobenzene isopropylbenzene						108-90-7 98-82-8
$T/^\circ\text{C} = 20.0$									60T1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.792	0.808	0.813	0.809	0.797	0.779			
$T/^\circ\text{C} = 40.0$									60T1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.633	0.637	0.636	0.629	0.619	0.607			
$T/^\circ\text{C} = 60.0$									60T1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.516	0.517	0.514	0.507	0.499	0.489			
2134	C₆H₅Cl (1) C₉H₁₂ (2)		chlorobenzene 1,3,5-trimethyl-benzene						108-90-7 108-67-8
$T/^\circ\text{C} = 30.0$									92A3
x_2	0.0000	0.1011	0.1962	0.2960	0.3924	0.4920	0.5980	0.6931	0.7953
η /(mPa s)	0.723	0.725	0.709	0.697	0.687	0.676	0.666	0.657	0.648
x_2	0.8968	1.0000							
η /(mPa s)	0.640	0.611							
$T/^\circ\text{C} = 35.0$									92A3
x_2	0.0000	0.1011	0.1962	0.2960	0.3924	0.4920	0.5980	0.6931	0.7953
η /(mPa s)	0.683	0.682	0.668	0.657	0.647	0.637	0.628	0.619	0.611
x_2	0.8968	1.0000							
η /(mPa s)	0.602	0.576							
$T/^\circ\text{C} = 40.0$									92A3
x_2	0.0000	0.1011	0.1962	0.2960	0.3924	0.4920	0.5980	0.6931	0.7953
η /(mPa s)	0.643	0.641	0.630	0.619	0.609	0.600	0.591	0.585	0.574

x_2	0.8968	1.0000
$\eta /(\text{mPa s})$	0.567	0.542

2135	C₆H₅Cl (1) C₁₀H₁₄N₂ (2)	chlorobenzene (S)-(-)-nicotine	108-90-7 54-11-5
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$T / ^\circ\text{C} = 25.0$ 50B2

x_2	0.0000	0.1364	0.2587	0.3771	0.5063	0.6345	0.7216	0.8664	1.0000
$\eta /(\text{mPa s})$	0.7424	1.0044	1.2057	1.4951	1.8380	2.3135	2.5972	3.2115	3.8942

$T / ^\circ\text{C} = 50.0$ 50B2

x_2	0.0000	0.1364	0.2587	0.3771	0.5063	0.6345	0.7216	0.8664	1.0000
$\eta /(\text{mPa s})$	0.5495	0.7069	0.8326	1.0164	1.1226	1.4153	1.5023	1.8095	2.0376

$T / ^\circ\text{C} = 75.0$ 50B2

x_2	0.0000	0.1364	0.2587	0.3771	0.5063	0.6345	0.7216	0.8664	1.0000
$\eta /(\text{mPa s})$	0.4342	0.5339	0.6090	0.7309	0.8140	0.9806	0.9950	1.1272	1.2626

2136	C₆H₅ClO (1) C₆H₆ (2)	2-chloro-phenol benzene	95-57-8 71-43-2
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$T / ^\circ\text{C} = 40.0$ 97B3

x_1	0.0000	0.0656	0.1324	0.2005	0.2698	0.3405	0.4125	0.4859	0.5608
$\eta /(\text{mPa s})$	0.4679	0.5478	0.6292	0.7122	0.7966	0.8827	0.9704	1.0598	1.1511

x_1	0.6371	0.7149	0.7944	0.9165	1.0000
$\eta /(\text{mPa s})$	1.2440	1.3195	1.4357	1.5854	1.6861

2137	C₆H₅ClO (1) C₆H₆ (2)	4-chloro-phenol benzene	106-48-9 71-43-2
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$T / ^\circ\text{C} = 48.0$ 97B3

x_1	0.0000	0.0669	0.1348	0.2038	0.2739	0.3452	0.4175	0.4911	0.5658
$\eta /(\text{mPa s})$	0.4463	0.4862	0.6125	0.6359	0.6952	0.8982	1.0695	1.5021	1.5692

x_1	0.6418	0.7191	0.7977	1.0000
$\eta /(\text{mPa s})$	1.9623	2.5643	2.9363	4.5761

$T / ^\circ\text{C} = 30.0$ 73R1

x_2	0.0000	0.0998	0.2001	0.3011	0.3990	0.4994	0.5991	0.6955	0.7969
$\eta /(\text{mPa s})$	11.840	4.903	5.279	3.655	2.580	1.884	1.403	1.082	0.848

x_2	0.8955	1.0000
$\eta /(\text{mPa s})$	0.683	0.573

2138	C₆H₅ClO (1) C₆H₇N (2)	2-chloro-phenol aniline	95-57-8 62-53-3
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$T/K = 298.15$										85P1
x_1	0.0000	0.1032	0.2004	0.3011	0.4069	0.5008	0.6002	0.7016	0.7852	
$\eta /(\text{mPa s})$	3.695	4.945	6.157	7.228	8.070	8.810	8.000	6.990	5.942	
x_1	0.9025	1.0000								
$\eta /(\text{mPa s})$	4.443	3.376								
$T/K = 303.15$										85P1
x_1	0.0000	0.1032	0.2004	0.3011	0.4069	0.5008	0.6002	0.7016	0.7852	
$\eta /(\text{mPa s})$	3.097	4.142	5.008	6.792	6.329	6.859	6.232	5.602	4.740	
x_1	0.9025	1.0000								
$\eta /(\text{mPa s})$	3.702	2.927								
$T/K = 308.15$										85P1
x_1	0.0000	0.1032	0.2004	0.3011	0.4069	0.5008	0.6002	0.7016	0.7852	
$\eta /(\text{mPa s})$	2.663	3.556	4.265	4.728	4.979	5.417	4.922	4.511	3.826	
x_1	0.9025	1.0000								
$\eta /(\text{mPa s})$	3.108	2.532								
$T/K = 313.15$										85P1
x_1	0.0000	0.1032	0.2004	0.3011	0.4069	0.5008	0.6002	0.7016	0.7852	
$\eta /(\text{mPa s})$	2.329	3.110	3.638	3.900	4.024	4.382	3.966	3.750	3.283	
x_1	0.9025	1.0000								
$\eta /(\text{mPa s})$	2.744	2.191								
$T/K = 318.15$										85P1
x_1	0.0000	0.1032	0.2004	0.3011	0.4069	0.5008	0.6002	0.7016	0.7852	
$\eta /(\text{mPa s})$	2.057	2.671	3.036	3.241	3.322	3.611	3.270	3.137	2.853	
x_1	0.9025	1.0000								
$\eta /(\text{mPa s})$	2.446	1.947								
$T/^\circ\text{C} = 10.0$										16B1
w_1	0.0000	0.1554	0.2894	0.4016	0.4661	0.5168	0.5687	0.6061	0.6518	
$\eta /(\text{mPa s})$	6.30	9.035	13.15	17.86	20.45	22.40	23.65	23.95	23.53	
w_1	0.6850	0.7780	0.8965	1.0000						
$\eta /(\text{mPa s})$	22.48	17.55	11.18	6.39						
$T/^\circ\text{C} = 20.0$										16B1
w_1	0.0000	0.1554	0.2894	0.4016	0.4661	0.5168	0.5687	0.6061	0.6518	
$\eta /(\text{mPa s})$	4.28	5.78	7.74	9.60	10.56	11.24	11.66	11.76	11.48	
w_1	0.6850	0.7780	0.8965	1.0000						
$\eta /(\text{mPa s})$	10.96	9.04	6.30	4.21						
$T/^\circ\text{C} = 30.0$										16B1
w_1	0.0000	0.1554	0.2894	0.4016	0.4661	0.5168	0.5687	0.6061	0.6518	
$\eta /(\text{mPa s})$	3.145	4.05	5.06	5.93	6.39	6.72	6.93	6.95	6.86	
w_1	0.6850	0.7780	0.8965	1.0000						
$\eta /(\text{mPa s})$	6.70	5.80	4.31	3.08						

$T/^\circ\text{C} = 40.0$									16B1
w_1	0.0000	0.1554	0.2894	0.4016	0.4661	0.5168	0.5687	0.6061	0.6518
$\eta/(\text{mPa s})$	2.405	2.945	3.54	3.99	4.20	4.33	4.39	4.40	4.34
w_1	0.6850	0.7780	0.8965	1.0000					
$\eta/(\text{mPa s})$	4.24	3.79	3.01	2.32					
$T/^\circ\text{C} = 60.0$									16B1
w_1	0.0000	0.1554	0.2894	0.4016	0.4661	0.5168	0.5687	0.6061	0.6518
$\eta/(\text{mPa s})$	1.543	1.790	2.015	2.195	2.275	2.325	2.35	2.35	2.34
w_1	0.6850	0.7780	0.8965	1.0000					
$\eta/(\text{mPa s})$	2.32	2.145	2.825	1.513					
$T/^\circ\text{C} = 80.0$									16B1
w_1	0.0000	0.1554	0.2894	0.4016	0.4661	0.5168	0.5687	0.6061	0.6518
$\eta/(\text{mPa s})$	1.100	1.222	1.327	1.407	1.443	1.462	1.470	1.470	1.460
w_1	0.6850	0.7780	0.8965	1.0000					
$\eta/(\text{mPa s})$	1.444	1.368	1.222	1.070					
$T/^\circ\text{C} = 110.0$									16B1
w_1	0.0000	0.1554	0.2894	0.4016	0.4661	0.5168	0.5687	0.6061	0.6518
$\eta/(\text{mPa s})$	0.709	0.781	0.842	0.886	0.901	0.909	0.912	0.912	0.907
w_1	0.6850	0.7780	0.8965	1.0000					
$\eta/(\text{mPa s})$	0.901	9.873	0.820	0.760					
$T/^\circ\text{C} = 150.0$									16B1
w_1	0.0000	0.1554	0.2894	0.4016	0.4661	0.5168	0.5687	0.6061	0.6518
$\eta/(\text{mPa s})$	0.446	0.498	0.539	0.568	0.577	0.582	0.585	0.585	0.584
w_1	0.6850	0.7780	0.8965	1.0000					
$\eta/(\text{mPa s})$	0.581	0.572	0.559	0.546					
$T/^\circ\text{C} = 25.0$									13T1
w_2	0.000	0.084	0.159	0.404	0.418	0.4995	0.614	0.703	1.000
$\eta/(\text{mPa s})$	4.11	5.38	6.71	9.51	9.63	9.44	7.71	6.49	3.62
$T/^\circ\text{C} = 50.0$									13T1
w_2	0.000	0.084	0.159	0.404	0.418	0.4995	0.614	0.703	1.000
$\eta/(\text{mPa s})$	2.015	2.57	2.88	3.30	3.35	3.26	3.04	2.87	2.01

2139 **$\text{C}_6\text{H}_5\text{ClO}$ (1)** **3-chloro-phenol** **108-43-0**
 $\text{C}_6\text{H}_7\text{N}$ (2) **aniline** **62-53-3**

$T/^\circ\text{C} = 25.0$ 13T1

w_2 0.000 0.090 0.1935 0.301 0.403 0.601 0.754 1.000
 $\eta/(\text{mPa s})$ 11.55 11.85 12.46 13.22 10.83 8.11 6.13 3.62

$T/^\circ\text{C} = 50.0$ 13T1

w_2	0.000	0.090	0.1935	0.301	0.403	0.601	0.754	1.000	
$\eta /(\text{mPa s})$	3.98	4.135	4.34	4.49	4.03	3.21	2.65	2.01	

2140 **C₆H₅ClO (1)** **4-chloro-phenol** **106-48-9**
C₆H₇N (2) **aniline** **62-53-3**

$T / ^\circ\text{C} = 25.0$ 13T1

w_2	0.078	0.154	0.222	0.299	0.372	0.418	0.502	0.702	0.903
$\eta /(\text{mPa s})$	16.8	17.2	17.1	15.7	14.1	13.1	11.2	7.05	4.52

w_2	1.000
$\eta /(\text{mPa s})$	3.62

$T / ^\circ\text{C} = 50.0$ 13T1

w_2	0.000	0.078	0.154	0.222	0.299	0.372	0.418	0.502	0.702
$\eta /(\text{mPa s})$	4.99	5.14	5.37	5.37	5.13	4.80	4.51	4.19	3.07

w_2	0.903	1.000
$\eta /(\text{mPa s})$	2.21	2.01

2141 **C₆H₅ClO (1)** **2-chloro-phenol** **95-57-8**
C₆H₈N₂ (2) **phenylhydrazine** **100-63-0**

$T / ^\circ\text{C} = 45.0$ 56P1

x_1	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
$\eta /(\text{mPa s})$	4.0	4.4	5.5	5.9	5.2	4.5	3.2	2.2	1.8

x_1	1.00
$\eta /(\text{mPa s})$	1.4

$T / ^\circ\text{C} = 55.0$ 56P1

x_1	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
$\eta /(\text{mPa s})$	2.9	3.0	3.9	3.9	3.5	3.0	2.4	1.7	1.4

x_1	1.00
$\eta /(\text{mPa s})$	1.3

$T / ^\circ\text{C} = 65.0$ 56P1

x_1	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
$\eta /(\text{mPa s})$	2.0	2.05	2.4	2.45	2.3	2.0	1.8	1.3	1.1

x_1	1.00
$\eta /(\text{mPa s})$	1.0

$T / ^\circ\text{C} = 50.0$ 13T1

w_2	0.000	0.1475	0.360	0.465	0.493	0.750	1.000		
$\eta /(\text{mPa s})$	2.015	3.51	7.16	8.27	8.18	6.955	4.58		

2142 **C₆H₅ClO (1)** **4-chloro-phenol** **106-48-9**
C₆H₈N₂ (2) **phenylhydrazine** **100-63-0**

$T/^\circ\text{C} = 35.0$										56P1
x_1	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	
$\eta/(\text{mPa s})$	6.0	8.0	10.0	10.4	13.0	12.4	10.7	8.1	6.4	
$T/^\circ\text{C} = 45.0$										56P1
x_1	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	
$\eta/(\text{mPa s})$	4.0	5.0	6.0	7.0	7.1	7.0	6.0	5.0	4.0	
x_1	1.00									
$\eta/(\text{mPa s})$	3.7									
$T/^\circ\text{C} = 55.0$										56P1
x_1	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	
$\eta/(\text{mPa s})$	3.0	3.2	4.0	4.6	4.7	4.5	4.0	3.2	2.9	
x_1	1.00									
$\eta/(\text{mPa s})$	2.6									
2143	$\text{C}_6\text{H}_5\text{ClO}$ (1)		2-chloro-phenol							95-57-8
	C_6H_{12} (2)		cyclohexane							110-82-7
$T/^\circ\text{C} = 30.0$										81M1
x_2	0.0000	0.1078	0.2025	0.3072	0.4048	0.6046	0.6564	0.7542	0.8969	
$\eta/(\text{mPa s})$	2.988	2.275	1.996	1.622	1.331	1.032	0.981	0.881	0.795	
x_2	1.0000									
$\eta/(\text{mPa s})$	0.801									
$T/^\circ\text{C} = 30.0$										68R1
x_2	0.0000	0.1078	0.2025	0.3072	0.4048	0.6046	0.6564	0.7542	0.8969	
$\eta/(\text{mPa s})$	2.988	2.275	1.996	1.622	1.331	1.032	0.981	0.881	0.795	
x_2	1.0000									
$\eta/(\text{mPa s})$	0.8007									
2144	$\text{C}_6\text{H}_5\text{ClO}$ (1)		2-chloro-phenol							95-57-8
	$\text{C}_6\text{H}_{12}\text{O}$ (2)		4-methyl-pentan-2-one							108-10-1
$T/^\circ\text{C} = 30.0$										70N1
x_1	0.0000	0.2004	0.4005	0.5000	0.6003	0.8003	1.0000			
$\eta/(\text{mPa s})$	0.513	0.891	1.418	1.796	2.230	2.777	3.002			
2145	$\text{C}_6\text{H}_5\text{ClO}$ (1)		2-chloro-phenol							95-57-8
	$\text{C}_6\text{H}_{15}\text{N}$ (2)		triethylamine							121-44-8
$T/\text{K} = 298.15$										75F1
x_1	0.000	0.074	0.305	0.408	0.473	0.552	0.616	0.650	0.703	

η /(mPa s)	0.350	0.447	1.41	3.58	7.81	26.2	109.	255.	529.
x_1	0.720	0.751	0.769	0.797	0.843	0.870	0.901	0.956	1.000
η /(mPa s)	594.	451.	343.	213.	68.9	34.3	18.3	5.91	3.36

2146 **C₆H₅ClO (1)** **4-chloro-phenol** **106-48-9**
C₇H₆O (2) **benzaldehyde** **100-52-7**

$T/^\circ\text{C} = 35.0$ 80S1

x_2	0.000	0.110	0.304	0.485	0.560	0.620	0.728	0.907	1.000
η /(mPa s)	8.228	5.750	3.800	3.010	2.495	2.200	1.790	1.388	1.130

2147 **C₆H₅ClO (1)** **2-chloro-phenol** **95-57-8**
C₇H₉N (2) **N-methyl-aniline** **100-61-8**

$T/\text{K} = 298.15$ 85P1

x_1	0.0000	0.1013	0.2024	0.3005	0.4032	0.5007	0.6027	0.7000	0.7936
η /(mPa s)	1.963	2.395	3.887	3.546	4.142	4.746	4.883	4.922	4.587

x_1	0.9042	1.0000
η /(mPa s)	3.898	3.376

$T/\text{K} = 303.15$ 85P1

x_1	0.0000	0.1013	0.2024	0.3005	0.4032	0.5007	0.6027	0.7000	0.7936
η /(mPa s)	1.734	2.112	2.493	2.984	3.445	3.801	3.963	3.966	3.715

x_1	0.9042	1.0000
η /(mPa s)	3.352	2.927

$T/\text{K} = 308.15$ 85P1

x_1	0.0000	0.1013	0.2024	0.3005	0.4032	0.5007	0.6027	0.7000	0.7936
η /(mPa s)	1.547	1.840	2.126	2.526	2.863	3.129	3.277	3.305	3.117

x_1	0.9042	1.0000
η /(mPa s)	2.770	2.532

$T/\text{K} = 313.15$ 85P1

x_1	0.0000	0.1013	0.2024	0.3005	0.4032	0.5007	0.6027	0.7000	0.7936
η /(mPa s)	1.402	1.622	1.826	2.175	2.420	2.678	2.750	2.793	2.704

x_1	0.9042	1.0000
η /(mPa s)	2.506	2.191

$T/\text{K} = 318.15$ 85P1

x_1	0.0000	0.1013	0.2024	0.3005	0.4032	0.5007	0.6027	0.7000	0.7936
η /(mPa s)	1.269	1.443	1.598	1.883	2.075	2.302	2.340	2.420	2.342

x_1	0.9042	1.0000
η /(mPa s)	2.198	1.947

2148 **C₆H₅ClO (1)** **2-chloro-phenol** **95-57-8**

	C₈H₁₁N (2)		N,N-dimethyl-aniline					121-69-7	
<i>T</i> /K = 298.15									85P1
<i>x</i> ₁	0.0000	0.1002	0.1990	0.3025	0.4016	0.5020	0.6009	0.6991	0.8000
η /(mPa s)	1.283	1.530	1.698	2.194	2.558	3.036	3.480	3.758	3.852
<i>x</i> ₁	0.9019	1.0000							
η /(mPa s)	3.691	3.376							
<i>T</i> /K = 303.15									85P1
<i>x</i> ₁	0.0000	0.1002	0.1990	0.3025	0.4016	0.5020	0.6009	0.6991	0.8000
η /(mPa s)	1.180	1.384	1.522	1.937	2.200	2.564	2.904	3.121	3.212
<i>x</i> ₁	0.9019	1.0000							
η /(mPa s)	3.106	2.927							
<i>T</i> /K = 308.15									85P1
<i>x</i> ₁	0.0000	0.1002	0.1990	0.3025	0.4016	0.5020	0.6009	0.6991	0.8000
η /(mPa s)	1.096	1.254	1.366	1.702	1.951	2.221	2.476	2.681	2.757
<i>x</i> ₁	0.9019	1.0000							
η /(mPa s)	2.662	2.532							
<i>T</i> /K = 313.15									85P1
<i>x</i> ₁	0.0000	0.1002	0.1990	0.3025	0.4016	0.5020	0.6009	0.6991	0.8000
η /(mPa s)	1.020	1.171	1.234	1.527	1.736	1.965	2.152	2.335	2.397
<i>x</i> ₁	0.9019	1.0000							
η /(mPa s)	2.360	2.191							
<i>T</i> /K = 318.15									85P1
<i>x</i> ₁	0.0000	0.1002	0.1990	0.3025	0.4016	0.5020	0.6009	0.6991	0.8000
η /(mPa s)	0.968	1.077	1.122	1.382	1.560	1.728	1.899	2.050	2.173
<i>x</i> ₁	0.9019	1.0000							
η /(mPa s)	2.028	1.947							
<i>T</i> /°C = 0.0									16B1
<i>w</i> ₁	0.0000	0.1467	0.2771	0.4065	0.5249	0.6040	0.7050	0.7551	0.8087
η /(mPa s)	2.025	3.020	4.35	6.76	9.84	11.90	14.40	15.40	15.83
<i>w</i> ₁	0.8381	0.9014	1.0000						
η /(mPa s)	15.72	14.52	10.79						
<i>T</i> /°C = 10.0									16B1
<i>w</i> ₁	0.0000	0.1467	0.2771	0.4065	0.5249	0.6040	0.7050	0.7551	0.8087
η /(mPa s)	1.655	2.340	3.135	4.30	5.68	6.72	7.96	8.30	8.44
<i>w</i> ₁	0.8381	0.9014	1.0000						
η /(mPa s)	8.42	8.00	6.39						
<i>T</i> /°C = 20.0									16B1
<i>w</i> ₁	0.0000	0.1467	0.2771	0.4065	0.5249	0.6040	0.7050	0.7551	0.8087
η /(mPa s)	1.385	1.859	2.430	3.05	3.70	4.19	4.69	4.89	5.90

w_1	0.8381	0.9014	1.0000						
$\eta /(\text{mPa s})$	4.98	4.74	4.21						
$T / ^\circ\text{C} = 30.0$									
w_1	0.0000	0.1467	0.2771	0.4065	0.5249	0.6040	0.7050	0.7551	0.8087
$\eta /(\text{mPa s})$	1.170	1.473	1.890	2.35	2.79	3.09	3.41	3.505	3.545
w_1	0.8381	0.9014	1.0000						
$\eta /(\text{mPa s})$	3.545	3.41	3.08						
$T / ^\circ\text{C} = 40.0$									
w_1	0.0000	0.1467	0.2771	0.4065	0.5249	0.6040	0.7050	0.7551	0.8087
$\eta /(\text{mPa s})$	1.024	1.243	1.410	1.660	1.915	2.085	2.305	2.40	2.47
w_1	0.8381	0.9014	1.0000						
$\eta /(\text{mPa s})$	2.475	2.45	2.32						
$T / ^\circ\text{C} = 60.0$									
w_1	0.0000	0.1467	0.2771	0.4065	0.5249	0.6040	0.7050	0.7551	0.8087
$\eta /(\text{mPa s})$	0.798	0.940	1.078	1.210	1.338	1.422	1.524	1.563	1.589
w_1	0.8381	0.9014	1.0000						
$\eta /(\text{mPa s})$	1.593	1.578	1.513						
$T / ^\circ\text{C} = 80.0$									
w_1	0.0000	0.1467	0.2771	0.4065	0.5249	0.6040	0.7050	0.7551	0.8087
$\eta /(\text{mPa s})$	0.658	0.731	0.804	0.878	0.949	0.995	1.050	1.072	1.090
w_1	0.8381	0.9014	1.0000						
$\eta /(\text{mPa s})$	1.097	1.095	1.070						

2149	C₆H₅ClO (1)	C₉H₇N (2)	2-chloro-phenol	quinoline				95-57-8	91-22-5
$T / \text{K} = 298.15$									
x_2	0.0000	0.0761	0.1549	0.2343	0.3348	0.4286	0.5274	0.6364	0.7447
$\eta /(\text{mPa s})$	3.376	4.871	7.882	11.682	19.635	26.303	21.744	12.935	8.205
x_2	0.8898	1.0000							
$\eta /(\text{mPa s})$	4.628	3.475							
$T / \text{K} = 303.15$									
x_2	0.0000	0.0761	0.1549	0.2343	0.3348	0.4286	0.5274	0.6364	0.7447
$\eta /(\text{mPa s})$	2.927	4.063	6.073	9.042	14.392	18.197	16.116	10.285	6.433
x_2	0.8898	1.0000							
$\eta /(\text{mPa s})$	4.058	3.092							
$T / \text{K} = 308.15$									
x_2	0.0000	0.0761	0.1549	0.2343	0.3348	0.4286	0.5274	0.6364	0.7447
$\eta /(\text{mPa s})$	2.532	3.469	5.006	7.403	11.490	14.089	12.365	8.401	5.506
x_2	0.8898	1.0000							
$\eta /(\text{mPa s})$	3.581	2.777							

$T/K = 313.15$									84I2
x_2	0.0000	0.0761	0.1549	0.2343	0.3348	0.4286	0.5274	0.6364	0.7447
$\eta /(\text{mPa s})$	2.191	2.998	4.205	6.048	9.267	11.034	9.852	7.017	4.762
x_2	0.8898	1.0000							
$\eta /(\text{mPa s})$	3.171	2.489							
$T/K = 318.15$									84I2
x_2	0.0000	0.0761	0.1549	0.2343	0.3348	0.4286	0.5274	0.6364	0.7447
$\eta /(\text{mPa s})$	1.947	2.614	3.590	4.979	7.306	8.786	7.927	5.922	4.170
x_2	0.8898	1.0000							
$\eta /(\text{mPa s})$	2.824	2.243							
$T/^\circ\text{C} = 0.0$									16B1
w_1	0.0000	0.1679	0.3253	0.4239	0.4881	0.5031	0.5328	0.5494	0.5792
$\eta /(\text{mPa s})$	6.83	14.50	41.5	112.5	225.0	255.5	293.5	301.7	301.4
w_1	0.6342	0.7218	0.8666	1.0000					
$\eta /(\text{mPa s})$	245.0	134.1	39.35	10.79					
$T/^\circ\text{C} = 10.0$									16B1
w_1	0.0000	0.1679	0.3253	0.4239	0.4881	0.5031	0.5328	0.5494	0.5792
$\eta /(\text{mPa s})$	4.80	9.50	22.21	50.3	77.0	82.5	90.2	92.6	92.3
w_1	0.6342	0.7218	0.8666	1.0000					
$\eta /(\text{mPa s})$	80.4	48.15	18.18	6.39					
$T/^\circ\text{C} = 20.0$									16B1
w_1	0.0000	0.1679	0.3253	0.4239	0.4881	0.5031	0.5328	0.5494	0.5792
$\eta /(\text{mPa s})$	3.64	6.62	13.00	23.62	33.45	35.10	36.90	37.25	36.62
w_1	0.6342	0.7218	0.8666	1.0000					
$\eta /(\text{mPa s})$	31.62	21.85	9.95	4.21					
$T/^\circ\text{C} = 30.0$									16B1
w_1	0.0000	0.1679	0.3253	0.4239	0.4881	0.5031	0.5328	0.5494	0.5792
$\eta /(\text{mPa s})$	2.94	4.87	9.11	14.40	17.92	18.40	19.00	19.01	18.88
w_1	0.6342	0.7218	0.8666	1.0000					
$\eta /(\text{mPa s})$	17.42	12.82	6.41	3.08					
$T/^\circ\text{C} = 40.0$									16B1
w_1	0.0000	0.1679	0.3253	0.4239	0.4881	0.5031	0.5328	0.5494	0.5792
$\eta /(\text{mPa s})$	2.385	3.71	6.35	8.96	10.47	10.73	10.95	10.98	10.89
w_1	0.6342	0.7218	0.8666	1.0000					
$\eta /(\text{mPa s})$	10.0	7.64	4.33	2.32					
$T/^\circ\text{C} = 60.0$									16B1
w_1	0.0000	0.1679	0.3253	0.4239	0.4881	0.5031	0.5328	0.5494	0.5792
$\eta /(\text{mPa s})$	1.671	2.380	3.595	4.40	4.84	4.90	4.94	4.93	4.88
w_1	0.6342	0.7218	0.8666	1.0000					

η /(mPa s)	4.525	3.695	2.425	1.513						
$T/^\circ\text{C} = 80.0$										
w_1	0.0000	0.1679	0.3253	0.4239	0.4881	0.5031	0.5328	0.5494	0.5792	
η /(mPa s)	1.250	1.673	2.222	2.595	2.760	2.775	2.785	2.775	2.700	
w_1	0.6342	0.7218	0.8666	1.0000						
η /(mPa s)	2.560	2.205	1.600	1.070						
$T/^\circ\text{C} = 110.0$										
w_1	0.0000	0.1679	0.3253	0.4239	0.4881	0.5031	0.5328	0.5494	0.5792	
η /(mPa s)	0.930	1.129	1.334	1.462	1.505	1.505	1.502	1.494	1.469	
w_1	0.6342	0.7218	0.8666	1.0000						
η /(mPa s)	1.411	1.266	1.007	0.760						
$T/^\circ\text{C} = 150.0$										
w_1	0.0000	0.1679	0.3253	0.4239	0.4881	0.5031	0.5328	0.5494	0.5792	
η /(mPa s)	0.666	0.745	0.815	0.857	0.869	0.868	0.865	0.860	0.850	
w_1	0.6342	0.7218	0.8666	1.0000						
η /(mPa s)	0.822	0.759	0.650	0.546						
2150	C₆H₅ClO (1)	C₁₃H₁₃N (2)	2-chloro-phenol methyl-diphenyl-amine				95-57-8 552-82-9			
$T/^\circ\text{C} = 0.0$										
w_1	0.0000	0.1383	0.2590	0.3835	0.5052	0.5758	0.6876	0.7394	0.8962	
η /(mPa s)	18.35	16.18	14.59	13.32	12.50	12.16	11.69	11.31	11.03	
w_1	1.0000									
η /(mPa s)	10.79									
$T/^\circ\text{C} = 10.0$										
w_1	0.0000	0.1383	0.2590	0.3835	0.5052	0.5758	0.6876	0.7394	0.8962	
η /(mPa s)	10.95	9.85	9.08	8.45	7.95	7.67	7.30	6.99	6.68	
w_1	1.0000									
η /(mPa s)	6.39									
$T/^\circ\text{C} = 20.0$										
w_1	0.0000	0.1383	0.2590	0.3835	0.5052	0.5758	0.6876	0.7394	0.8962	
η /(mPa s)	7.25	6.47	5.95	5.53	5.20	5.02	4.79	4.59	4.40	
w_1	1.0000									
η /(mPa s)	4.21									
$T/^\circ\text{C} = 30.0$										
w_1	0.0000	0.1383	0.2590	0.3835	0.5052	0.5758	0.6876	0.7394	0.8962	
η /(mPa s)	5.13	4.635	4.305	4.03	3.805	3.685	3.51	3.36	3.215	
w_1	1.0000									
η /(mPa s)	3.08									

$T/^\circ\text{C} = 40.0$										16B1
w_1	0.0000	0.1383	0.2590	0.3835	0.5052	0.5758	0.6876	0.7394	0.8962	
$\eta/(\text{mPa s})$	3.84	3.50	3.25	3.04	2.85	2.75	2.60	2.49	2.39	
w_1	1.0000									
$\eta/(\text{mPa s})$	2.32									
$T/^\circ\text{C} = 60.0$										16B1
w_1	0.0000	0.1383	0.2590	0.3835	0.5052	0.5758	0.6876	0.7394	0.8962	
$\eta/(\text{mPa s})$	2.48	2.275	2.110	1.965	1.850	1.795	1.710	1.638	1.575	
w_1	1.0000									
$\eta/(\text{mPa s})$	1.513									
$T/^\circ\text{C} = 80.0$										16B1
w_1	0.0000	0.1383	0.2590	0.3835	0.5052	0.5758	0.6876	0.7394	0.8962	
$\eta/(\text{mPa s})$	1.735	1.591	1.500	1.420	1.347	1.300	1.238	1.180	1.120	
w_1	1.0000									
$\eta/(\text{mPa s})$	1.070									

2151	$\text{C}_6\text{H}_5\text{I}$ (1)		iodobenzene							591-50-4
	C_6H_6 (2)		benzene							71-43-2
$T/^\circ\text{C} = 25.0$										58L2
x_1	0.000	0.0668	0.0896	0.800	1.000					
$\eta/(\text{mPa s})$	0.602	0.646	0.660	1.274	1.513					
$T/^\circ\text{C} = 35.0$										58L2
x_1	0.000	0.0668	0.0896	1.000						
$\eta/(\text{mPa s})$	0.527	0.565	0.578	1.318						
$T/^\circ\text{C} = 45.0$										58L2
x_1	0.000	0.0668	0.0896	1.000						
$\eta/(\text{mPa s})$	0.464	0.499	0.512	1.162						
$T/^\circ\text{C} = 50.0$										58L2
x_1	0.000	0.0668	0.0896	0.800	1.000					
$\eta/(\text{mPa s})$	0.436	0.469	0.478	0.917	1.083					

2152	$\text{C}_6\text{H}_5\text{I}$ (1)		iodobenzene							591-50-4
	$\text{C}_8\text{H}_8\text{O}$ (2)		1-phenyl-ethanone							98-86-2
$T/^\circ\text{C} = 20.0$										61T3
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa s})$	1.640	1.685	1.727	1.764	1.798	1.830				
$T/^\circ\text{C} = 40.0$										61T3
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa s})$	1.223	1.235	1.244	1.250	1.253	1.253				

$T/^\circ\text{C} = 60.0$										61T3
x_2	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa s})$	0.972	0.968	0.964	0.960	0.956	0.952				
2153	C₆H₅NO₂ (1) C₆H₆ (2)	nitrobenzene benzene								98-95-3 71-43-2
$T/^\circ\text{C} = 40.0$										97B3
x_1	0.0000	0.1324	0.2005	0.2698	0.3405	0.4124	0.4859	0.5607	0.6370	
$\eta/(\text{mPa s})$	0.3594	0.4169	0.4469	0.4682	0.4928	0.5504	0.5689	0.6545	0.7216	
x_1	0.7149	0.7943	0.9163	1.0000						
$\eta/(\text{mPa s})$	0.7856	0.8007	0.9539	0.9938						
$T/^\circ\text{C} = 25.0$										55Z1
x_2	0.000	0.210	0.487	0.864	1.000					
$\eta/(\text{mPa s})$	1.834	1.417	1.017	0.681	0.599					
2154	C₆H₅NO₂ (1) C₆H₆ClN (2)	nitrobenzene 3-chloro-aniline								98-95-3 108-42-9
$T/\text{K} = 303.15$										96G2
x_1	0.100	0.200	0.300	0.500	0.600	0.800	0.900			
$\eta^E/(\text{mPa s})$	0.773	-0.454	-0.981	-1.468	-1.352	-0.726	-0.613			
2155	C₆H₅NO₂ (1) C₆H₆O (2)	nitrobenzene phenol								98-95-3 108-95-2
$x_1 = 0.5027$										57D1
$T/^\circ\text{C}$	25.0	30.0	35.0	40.0	45.0	50.0				
$\eta/(\text{mPa s})$	2.966	2.619	2.225	1.967	1.755	1.549				
$x_1 = 0.8009$										57D1
$T/^\circ\text{C}$	25.0	30.0	35.0	40.0	45.0	50.0				
$\eta/(\text{mPa s})$	1.997	1.843	1.606	1.459	1.316	1.197				
$x_1 = 0.8902$										57D1
$T/^\circ\text{C}$	25.0	30.0	35.0	40.0	45.0	50.0				
$\eta/(\text{mPa s})$	1.854	1.684	1.509	1.375	1.249	1.138				
$x_1 = 1.0000$										57D1
$T/^\circ\text{C}$	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	
$\eta/(\text{mPa s})$	2.4775	2.2195	1.9655	1.8067	1.6277	1.4730	1.3395	1.2197	1.1086	
$T/^\circ\text{C} = 20.0$										16B1
w_2	0.0000	0.0416	0.0884	0.1812	0.2741	0.3796	0.4973	0.5864	0.7103	

η /(mPa s)	1.931	1.975	2.041	2.208	2.460	2.845	3.53	4.19	5.40
w_2	0.8468	1.0000							
η /(mPa s)	7.59	11.04							
2156	C₆H₅NO₂ (1)	C₆H₇N (2)	nitrobenzene						98-95-3
			aniline						62-53-3
T /K = 303.15									96G2
x_1	0.100	0.200	0.300	0.500	0.600	0.800	0.900		
η^E /(mPa s)	-2.932	-3.994	-4.806	-4.476	-3.992	-2.196	-0.758		
T /°C = 25.0									88S2
x_2	0.1029	0.1807	0.2441	0.3103	0.3330	0.3634	0.3851	0.4063	0.5264
η /(mPa s)	1.809	1.832	1.849	1.898	1.900	1.914	1.916	1.932	2.083
x_2	0.6006	0.6837	0.7628	0.9200					
η /(mPa s)	2.078	2.353	2.549	3.167					
T /°C = 35.0									88S2
x_2	0.1029	0.1807	0.2441	0.3103	0.3330	0.3634	0.3851	0.4063	0.5264
η /(mPa s)	1.510	1.514	1.524	1.546	1.558	1.570	1.574	1.584	1.681
x_2	0.6006	0.6837	0.7628	0.9200					
η /(mPa s)	1.746	1.857	1.984	2.364					
T /°C = 45.0									88S2
x_2	0.1029	0.1807	0.2441	0.3103	0.3330	0.3634	0.3851	0.4063	0.5264
η /(mPa s)	1.268	1.272	1.277	1.288	1.293	1.304	1.309	1.320	1.373
x_2	0.6006	0.6837	0.7628	0.9200					
η /(mPa s)	1.420	1.488	1.578	1.825					
$x_1 = 0.2100$									57D1
T /°C	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0
η /(mPa s)	4.3632	3.7054	3.1895	2.6779	2.3406	2.0268	1.7778	1.5819	1.3903
$x_1 = 0.5006$									57D1
T /°C	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0
η /(mPa s)	3.0423	2.6431	2.2570	2.0660	1.8713	1.6352	1.4818	1.3254	1.1921
$x_1 = 0.9083$									57D1
T /°C	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0
η /(mPa s)	2.4791	2.2205	1.9769	1.7610	1.5960	1.4111	1.3042	1.1838	1.0884
$x_1 = 1.0000$									57D1
T /°C	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0
η /(mPa s)	2.4775	2.2195	1.9655	1.8067	1.6277	1.4730	1.3395	1.2197	1.1086
T /°C = 25.0									12T1
w_1	0.0000	0.1216	0.2269	0.4000	0.5602	0.6878	0.8353	0.9171	1.0000

η /(mPa s)	3.722	3.163	2.741	2.328	2.082	1.949	1.889	1.836	1.832
2157	C₆H₅NO₂ (1)		nitrobenzene						98-95-3
	C₆H₁₂ (2)		cyclohexane						110-82-7
$T/K = 298.15$									90J1
x_1	0.0000	0.0990	0.2037	0.2970	0.3968	0.4968	0.5973	0.6959	0.8011
η /(mPa s)	0.8862	0.9069	0.9519	1.0172	1.0889	1.1598	1.2469	1.3456	1.4839
x_1	0.8930	1.0000							
η /(mPa s)	1.6032	1.7729							
$T/K = 303.15$									90J1
x_1	0.0000	0.0990	0.2037	0.2970	0.3968	0.4968	0.5973	0.6959	0.8011
η /(mPa s)	0.8130	0.8365	0.8775	0.9369	1.0000	1.0668	1.1527	1.2415	1.3666
x_1	0.8930	1.0000							
η /(mPa s)	1.4806	1.6262							
$T/K = 308.15$									90J1
x_1	0.0000	0.0990	0.2037	0.2970	0.3968	0.4968	0.5973	0.6959	0.8011
η /(mPa s)	0.7483	0.7722	0.8109	0.8638	0.9250	0.9868	1.0650	1.1466	1.2638
x_1	0.8930	1.0000							
η /(mPa s)	1.3576	1.4975							
$T/K = 313.15$									90J1
x_1	0.0000	0.0990	0.2037	0.2970	0.3968	0.4968	0.5973	0.6959	0.8011
η /(mPa s)	0.6886	0.7123	0.7485	0.7984	0.8553	0.9115	0.9854	1.0605	1.1670
x_1	0.8930	1.0000							
η /(mPa s)	1.2538	1.3729							
$T/K = 280.3$									77D1
x_1	0.0	0.01	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	1.228	1.243	1.321	1.494	1.567	1.643	1.758	1.927	2.113
x_1	0.9	1.0							
η /(mPa s)	2.343	2.693							
$T/K = 293.15$									77D1
x_1	0.0	0.01	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	0.987	0.994	1.044	1.115	1.194	1.277	1.381	1.508	1.665
x_1	0.9	1.0							
η /(mPa s)	1.831	2.019							
$T/K = 323.15$									77D1
x_1	0.0	0.01	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	0.623	0.643	0.676	0.722	0.772	0.825	0.885	0.956	1.044
x_1	0.9	1.0							
η /(mPa s)	1.162	1.287							

2158	C₆H₅NO₂ (1)		nitrobenzene					98-95-3	
	C₆H₁₄ (2)		hexane					110-54-3	
$x_1 = 0.385$									52S1
$T/^\circ\text{C}$	19.1	17.1	16.8	14.9	14.05	13.78	13.70	13.48	13.30
$\eta/(\text{mPa s})$	0.698	0.728	0.730	0.772	0.810	0.821	0.834	0.879	0.881
$x_1 = 0.402$									52S1
$T/^\circ\text{C}$	17.9	15.7	15.2	14.7	14.4	13.85	13.75	13.53	13.4
$\eta/(\text{mPa s})$	0.734	0.773	0.781	0.804	0.813	0.844	0.851	0.874	0.934
$x_1 = 0.430$									52S1
$T/^\circ\text{C}$	19.9	18.0	16.0	15.6	15.25	15.10	15.05	15.0	14.75
$\eta/(\text{mPa s})$	0.742	0.770	0.826	0.842	0.887	0.917	0.923	0.956	0.886
$x_1 = 0.437$									52S1
$T/^\circ\text{C}$	19.5	16.5	15.0	14.5	14.0	13.8	13.63	13.59	13.54
$\eta/(\text{mPa s})$	0.781	0.825	0.868	0.888	0.926	0.951	1.002	1.019	0.972
$w_1 = 0.0000$									35S1
$T/^\circ\text{C}$	20.50	26.05	25.01	28.00	32.27	36.19	40.19		
$\eta/(\text{mPa s})$	0.3219	0.3145	0.3091	0.3013	0.2914	0.2818	0.2730		
$w_1 = 0.1830$									35S1
$T/^\circ\text{C}$	20.95	23.03	25.00	32.15	36.17	40.29			
$\eta/(\text{mPa s})$	0.3774	0.3707	0.3643	0.3414	0.3304	0.3201			
$w_1 = 0.3798$									35S1
$T/^\circ\text{C}$	20.50	21.02	23.03	25.00	28.11	32.11	36.20	40.24	
$\eta/(\text{mPa s})$	0.5126	0.5093	0.4938	0.4821	0.4639	0.4444	0.4258	0.4087	
$w_1 = 0.4778$									35S1
$T/^\circ\text{C}$	20.83	21.49	21.91	22.94	25.16	27.95	31.00	34.94	39.95
$\eta/(\text{mPa s})$	0.6563	0.6231	0.6117	0.5932	0.5686	0.5447	0.5236	0.4938	0.4728
$w_1 = 0.5049$									35S1
$T/^\circ\text{C}$	20.90	21.53	22.10	23.19	25.03	30.23	40.13		
$\eta/(\text{mPa s})$	0.6847	0.6578	0.6431	0.6266	0.6001	0.5588	0.4928		
$w_1 = 0.5316$									35S1
$T/^\circ\text{C}$	20.81	21.45	22.00	23.06	24.96	30.00	34.10	39.97	
$\eta/(\text{mPa s})$	0.7298	0.6844	0.6735	0.6530	0.6273	0.5826	0.5484	0.5174	
$w_1 = 0.5794$									35S1
$T/^\circ\text{C}$	20.85	22.00	22.98	25.03	30.10	35.08	40.06		
$\eta/(\text{mPa s})$	0.7461	0.7204	0.7046	0.6765	0.6293	0.5907	0.5606		
$w_1 = 0.6394$									35S1
$T/^\circ\text{C}$	20.87	23.12	25.02	28.12	31.05	35.21	40.10		

η /(mPa s)	0.7974	0.7671	0.7444	0.7122	0.6839	0.6500	0.6152	
$w_1 = 0.6832$								35S1
$T/^\circ\text{C}$	20.02	22.98	25.04	30.09	35.15	40.03		
η /(mPa s)	0.8566	0.8282	0.8040	0.7532	0.7163	0.6683		
$w_1 = 0.7899$								35S1
$T/^\circ\text{C}$	20.87	24.02	25.01	30.02	35.05	40.04		
η /(mPa s)	1.0570	1.0143	1.0020	0.9395	0.8790	0.8313		
$w_1 = 0.8866$								35S1
$T/^\circ\text{C}$	20.05	23.24	25.02	29.00	32.21	35.06	40.07	
η /(mPa s)	1.4020	1.3463	1.3055	1.2315	1.1773	1.1271	1.0540	
$w_1 = 1.0000$								35S1
$T/^\circ\text{C}$	16.80	20.38	28.80	40.20				
η /(mPa s)	2.1123	1.9080	1.6660	1.4130				
$w_1 = 0.000$								15D2
$T/^\circ\text{C}$	16.35	18.55	20.00	21.40	23.22			
η /(mPa s)	0.328	0.320	0.318	0.313	0.310			
$w_1 = 0.242$								15D2
$T/^\circ\text{C}$	16.90	18.45	20.02	21.42	23.15			
η /(mPa s)	0.422	0.415	0.408	0.400	0.395			
$w_1 = 0.365$								15D2
$T/^\circ\text{C}$	25.10	22.85	20.50	18.55	17.70	17.50	17.42	
η /(mPa s)	0.462	0.477	0.492	0.509	0.513	0.513	0.550	
$w_1 = 0.446$								15D2
$T/^\circ\text{C}$	25.00	23.42	22.02	20.62	19.08	18.87		
η /(mPa s)	0.516	0.529	0.540	0.552	0.577	0.607		
$w_1 = 0.507$								15D2
$T/^\circ\text{C}$	25.20	23.70	21.60	20.50	19.40			
η /(mPa s)	0.605	0.621	0.651	0.697	0.751			
$w_1 = 0.542$								15D2
$T/^\circ\text{C}$	25.40	23.25	21.70	20.12	19.92			
η /(mPa s)	0.645	0.665	0.692	0.761	0.796			
$w_1 = 0.644$								15D2
$T/^\circ\text{C}$	24.92	22.90	20.95	18.75	18.30			
η /(mPa s)	0.747	0.775	0.799	0.832	0.861			
$w_1 = 0.708$								15D2
$T/^\circ\text{C}$	25.10	23.30	21.60	19.90	18.50	15.80	14.80	
η /(mPa s)	0.836	0.861	0.887	0.897	0.921	0.963	1.000	
$w_1 = 0.796$								15D2

$T/^\circ\text{C}$	24.30	22.73	20.51	18.44	16.67	15.09
$\eta/(\text{mPa s})$	1.030	1.050	1.090	1.120	1.150	1.180

 $w_1 = 1.000$

15D2

$T/^\circ\text{C}$	13.50	18.00	23.00	28.00	32.0	35.0
$\eta/(\text{mPa s})$	2.270	2.070	1.890	1.730	1.630	1.550

2159 **C₆H₅NO₂ (1)** **nitrobenzene** **98-95-3**
C₇H₈ (2) **toluene** **108-88-3**

 $T/^\circ\text{C} = 25.0$

52L1

x_1	0.000	0.115	0.227	0.344	0.457	0.577	0.675	0.787	0.870
$\eta/(\text{mPa s})$	0.552	0.622	0.702	0.803	0.894	1.030	1.169	1.374	1.542

x_1	1.000
$\eta/(\text{mPa s})$	1.820

 $T/^\circ\text{C} = 30.0$

52L1

x_1	0.000	0.115	0.227	0.344	0.457	0.577	0.675	0.787	0.870
$\eta/(\text{mPa s})$	0.525	0.586	0.660	0.743	0.837	0.956	1.080	1.252	1.420

x_1	1.000
$\eta/(\text{mPa s})$	1.682

 $T/^\circ\text{C} = 35.0$

52L1

x_1	0.000	0.115	0.227	0.344	0.457	0.577	0.675	0.787	0.870
$\eta/(\text{mPa s})$	0.486	0.554	0.618	0.694	0.783	0.922	1.042	1.157	1.313

x_1	1.000
$\eta/(\text{mPa s})$	1.550

2160 **C₆H₅NO₂ (1)** **nitrobenzene** **98-95-3**
C₇H₈O (2) **methoxybenzene** **100-66-3**

 $T/^\circ\text{C} = 25.0$

90J3

x_2	0.0000	0.1000	0.2022	0.3039	0.3968	0.5018	0.6021	0.7032	0.8267
$\eta/(\text{mPa s})$	1.8172	1.5560	1.5607	1.4540	1.3679	1.2811	1.2039	1.1464	1.0685

x_2	0.9043	1.0000
$\eta/(\text{mPa s})$	1.0453	0.9785

 $T/^\circ\text{C} = 30.0$

90J3

x_2	0.0000	0.1000	0.2022	0.3039	0.3968	0.5018	0.6021	0.7032	0.8267
$\eta/(\text{mPa s})$	1.6662	1.4301	1.4434	1.3388	1.2626	1.1863	1.1151	1.0641	0.9924

x_2	0.9043	1.0000
$\eta/(\text{mPa s})$	0.9678	0.9070

 $T/^\circ\text{C} = 35.0$

90J3

x_2	0.0000	0.1000	0.2022	0.3039	0.3968	0.5018	0.6021	0.7032	0.8267
$\eta/(\text{mPa s})$	1.5281	1.3171	1.3262	1.2359	1.1647	1.0963	1.0308	0.9838	0.9200

x_2	0.9043	1.0000							
η /(mPa s)	0.8978	0.8422							
$T/^\circ\text{C} = 40.0$									90J3
x_2	0.0000	0.1000	0.2022	0.3039	0.3968	0.5018	0.6021	0.7032	0.8267
η /(mPa s)	1.4022	1.3171	1.2240	1.1416	1.0783	1.0132	0.9572	0.9119	0.8533
x_2	0.9043	1.0000							
η /(mPa s)	0.8343	0.7814							
$T/^\circ\text{C} = 25.0$									57P1
x_1	0.0000	0.0736	0.1783	0.2659	0.3052	0.3752	0.3978	0.4635	0.5364
η /(mPa s)	1.008	1.040	1.091	1.145	1.170	1.219	1.234	1.279	1.330
x_1	0.6691	0.7884	0.8760	1.0000					
η /(mPa s)	1.434	1.546	1.646	1.823					
2161	C₆H₅NO₂ (1) C₇H₉N (2)		nitrobenzene N-methyl-aniline						98-95-3 100-61-8
$T/\text{K} = 303.15$									96G2
x_1	0.100	0.200	0.285	0.378	0.467	0.634	0.712	0.861	0.931
η^E /(mPa s)	0.252	-0.836	-1.013	-1.302	-1.321	-0.887	-0.579	-0.376	-0.173
2162	C₆H₅NO₂ (1) C₇H₉N (2)		nitrobenzene 2-methyl-aniline						98-95-3 95-53-4
$T/^\circ\text{C} = 11.0$									14K1
x_1	0.000	0.3333	0.500	0.6666	1.000				
η/η_{water}	4.71	2.85	2.39	2.07	1.92				
2163	C₆H₅NO₂ (1) C₇H₁₆ (2)		nitrobenzene heptane						98-95-3 142-82-5
$T/^\circ\text{C} = 19.03$									77S1
x_2	0.3291	0.4214	0.4477	0.4729	0.4886	0.5628	0.6392		
η /(mPa s)	0.642	0.805	0.906	1.017	0.999	0.965	1.033		
$T/^\circ\text{C} = 19.5$									77S1
x_2	0.3291	0.4214	0.4477	0.4729	0.4886	0.5628	0.6392		
η /(mPa s)	0.636	0.777	0.831	0.875	0.891	0.951	1.025		
$T/^\circ\text{C} = 20.0$									77S1
x_2	0.1490	0.2214	0.2746	0.3291	0.4214	0.4477	0.4729	0.4886	0.5628
η /(mPa s)	0.482	0.532	0.580	0.631	0.759	0.805	0.845	0.862	0.937
x_2	0.6392	0.7954	0.8751						
η /(mPa s)	1.016	1.313	1.517						

$T/^\circ\text{C} = 22.0$									77S1
x_2	0.1490	0.2214	0.2746	0.3291	0.4214	0.4477	0.4729	0.4886	0.5628
$\eta /(\text{mPa s})$	0.471	0.517	0.562	0.611	0.720	0.759	0.790	0.808	0.896
x_2	0.6392	0.7954	0.8751						
$\eta /(\text{mPa s})$	0.984	1.274	1.475						
$T/^\circ\text{C} = 26.0$									77S1
x_2	0.1490	0.2214	0.2746	0.3291	0.4214	0.4477	0.4729	0.4886	0.5628
$\eta /(\text{mPa s})$	0.451	0.498	0.539	0.579	0.670	0.702	0.730	0.746	0.836
x_2	0.6392	0.7954	0.8751						
$\eta /(\text{mPa s})$	0.926	1.201	1.385						
$T/^\circ\text{C} = 32.0$									77S1
x_2	0.1490	0.2214	0.2746	0.3291	0.4214	0.4477	0.4729	0.4886	0.5628
$\eta /(\text{mPa s})$	0.423	0.463	0.503	0.536	0.615	0.643	0.678	0.681	0.764
x_2	0.6392	0.7954	0.8751						
$\eta /(\text{mPa s})$	0.850	1.104	1.260						
$T/^\circ\text{C} = 40.0$									77S1
x_2	0.1490	0.2214	0.2746	0.3291	0.4214	0.4477	0.4729	0.4886	0.5628
$\eta /(\text{mPa s})$	0.391	0.425	0.459	0.491	0.558	0.580	0.602	0.613	0.689
x_2	0.6392	0.7954	0.8751						
$\eta /(\text{mPa s})$	0.770	0.984	1.124						
2164	$\text{C}_6\text{H}_5\text{NO}_2$ (1)	$\text{C}_8\text{H}_{11}\text{N}$ (2)	nitrobenzene	N,N-dimethyl-aniline					98-95-3 121-69-7
$T/^\circ\text{C} = 25.0$									12T1
w_1	0.0000	0.1239	0.2063	0.5628	0.6512	0.8325	0.9168	1.0000	
$\eta /(\text{mPa s})$	1.357	1.337	1.355	1.488	1.565	1.702	1.766	1.832	
$T/^\circ\text{C} = 11.0$									14K1
x_1	0.000	0.3128	0.500	0.6787	1.000				
$\eta / \eta_{\text{water}}$	1.28	1.40	1.47	1.57	1.92				
$T/^\circ\text{C} = 77.5$									14K1
x_1	0.000	0.330	0.500	0.750	1.000				
$\eta / \eta_{\text{water}}$	1.33	1.42	1.51	1.66	1.83				
2165	$\text{C}_6\text{H}_5\text{NO}_2$ (1)	C_{10}H_8 (2)	nitrobenzene	naphthalene					98-95-3 91-20-3
$T/^\circ\text{C} = 80.0$									24K1
x_2	0.00	0.20	0.30	0.50	0.70	0.80	0.90	1.00	
$\eta /(\text{mPa s})$	0.795	0.808	0.816	0.836	0.853	0.864	0.876	0.886	

2166	C₆H₅NO₂ (1) C₁₀H₁₄N₂ (2)	nitrobenzene (S)-(-)-nicotine							98-95-3 54-11-5
$T/^\circ\text{C} = 25.0$							50B1		
x_2	0.0000	0.1059	0.2053	0.3027	0.3946	0.4987	0.6154	0.6963	0.7948
$\eta/(\text{mPa s})$	1.7687	1.9687	2.1724	2.3911	2.6153	2.7725	3.0024	3.2477	3.4245
x_2	0.8913	1.0000							
$\eta/(\text{mPa s})$	3.7127	3.9842							
$T/^\circ\text{C} = 50.0$							50B1		
x_2	0.0000	0.1059	0.2053	0.3027	0.3946	0.4987	0.6154	0.6963	0.7948
$\eta/(\text{mPa s})$	1.1925	1.2725	1.3795	1.4461	1.5076	1.6473	1.7379	1.7974	1.9022
x_2	0.8913	1.0000							
$\eta/(\text{mPa s})$	1.9801	2.0376							
$T/^\circ\text{C} = 75.0$							50B1		
x_2	0.0000	0.1059	0.2053	0.3027	0.3946	0.4987	0.6154	0.6963	0.7948
$\eta/(\text{mPa s})$	0.8496	0.8883	0.9743	0.9781	1.0009	1.0906	1.1371	1.1467	1.1926
x_2	0.8913	1.0000							
$\eta/(\text{mPa s})$	1.2074	1.2626							
2167	C₆H₅NO₂ (1) C₁₀H₁₅N (2)	nitrobenzene N,N-diethyl-aniline							98-95-3 91-66-7
$T/^\circ\text{C} = 20.0$							61T3		
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	2.196	2.110	2.067	2.040	2.023	2.012			
$T/^\circ\text{C} = 40.0$							61T3		
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	1.381	1.379	1.378	1.380	1.386	1.394			
$T/^\circ\text{C} = 60.0$							61T3		
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta/(\text{mPa s})$	0.999	1.001	1.006	1.019	1.036	1.061			
$T/^\circ\text{C} = 11.0$							14K1		
x_1	0.000	0.3334	0.500	0.6681	1.000				
η/η_{water}	2.56	2.14	2.00	1.96	1.92				
2168	C₆H₅NO₂ (1) C₁₀H₂₀O (2)	nitrobenzene menthol							98-95-3 89-78-1
$T/^\circ\text{C} = 55.6$							10S2		
w_2	0.000	0.1133	0.3612	0.5111	0.6861	0.8673	1.0000		

η /(mPa s)	1.050	1.001	1.340	1.858	2.107	3.734	6.290		
$T/^\circ\text{C} = 74.6$									10S2
w_2	0.000	0.1133	0.3612	0.5111	0.6861	0.8673	1.0000		
η /(mPa s)	0.783	0.749	0.982	1.149	1.195	1.542	2.469		
$T/^\circ\text{C} = 82.2$									10S2
w_2	0.000	0.1133	0.3612	0.5111	0.6861	0.8673	1.0000		
η /(mPa s)	0.728	0.672	0.857	0.980	1.000	1.168	1.850		
$T/^\circ\text{C} = 99.0$									10S2
w_2	0.000	0.1133	0.3612	0.5111	0.6861	0.8673	1.0000		
η /(mPa s)	0.581	0.534	0.663	0.732	0.698	0.730	1.041		
2169	C₆H₅NO₂ (1) C₁₂H₁₈O₈ (2)		nitrobenzene 2,3-diacetoxy-succinic acid diethyl ester						98-95-3 2364-65-0
$T/^\circ\text{C} = 67.3$									10S1
w_2	0.0000	0.2480	0.5255	0.6091	0.8295	0.9274	1.0000		
η /(mPa s)	0.882	1.329	2.013	2.785	4.921	7.153	8.951		
$T/^\circ\text{C} = 82.2$									10S1
w_2	0.0000	0.2480	0.5255	0.6091	0.8295	0.9274	1.0000		
η /(mPa s)	0.728	0.995	1.417	1.982	3.081	4.069	5.504		
$T/^\circ\text{C} = 99.0$									10S1
w_2	0.0000	0.2480	0.5255	0.6091	0.8295	0.9274	1.0000		
η /(mPa s)	0.581	0.774	1.039	1.310	1.960	2.477	3.126		
2170	C₆H₅NO₃ (1) C₆H₇N (2)		2-nitro-phenol aniline						88-75-5 62-53-3
$T/^\circ\text{C} = 30.0$									16B1
w_1	0.0000	0.1088	0.2236	0.3277	0.4200	0.5128	0.6052	0.6832	0.7111
η /(mPa s)	3.145	2.972	2.863	2.805	2.802	2.828	2.881	2.952	3.068
w_1	0.8504	0.9149	1.0000						
η /(mPa s)	3.225	3.39	3.65						
$T/^\circ\text{C} = 40.0$									16B1
w_1	0.0000	0.1088	0.2236	0.3277	0.4200	0.5128	0.6052	0.6832	0.7111
η /(mPa s)	2.405	2.322	2.257	2.224	2.215	2.230	2.272	2.328	2.415
w_1	0.8504	0.9149	1.0000						
η /(mPa s)	2.515	2.610	2.755						
$T/^\circ\text{C} = 60.0$									16B1
w_1	0.0000	0.1088	0.2236	0.3277	0.4200	0.5128	0.6052	0.6832	0.7111
η /(mPa s)	1.543	1.512	1.486	1.477	1.478	1.494	1.525	1.564	1.622

w_1	0.8504	0.9149	1.0000						
η /(mPa s)	1.688	1.741	1.825						
T /°C = 80.0									16B1
w_1	0.0000	0.1088	0.2236	0.3277	0.4200	0.5128	0.6052	0.6832	0.7111
η /(mPa s)	1.100	1.094	1.086	1.081	1.088	1.100	1.127	1.153	1.199
w_1	0.8504	0.9149	1.0000						
η /(mPa s)	1.248	1.289	1.348						
2171	C₆H₅NO₃ (1) C₉H₇N (2)		2-nitro-phenol quinoline						88-75-5 91-22-5
T /°C = 30.0									16B1
w_1	0.0000	0.1080	0.2143	0.3069	0.4161	0.4916	0.5820	0.6704	0.7756
η /(mPa s)	2.940	3.361	3.772	4.125	4.495	4.68	4.72	4.595	4.355
w_1	0.8240	0.8676	0.9118	0.9554	1.0000				
η /(mPa s)	4.22	4.09	3.95	3.80	3.65				
T /°C = 40.0									16B1
w_1	0.0000	0.1080	0.2143	0.3069	0.4161	0.4916	0.5820	0.6704	0.7756
η /(mPa s)	2.385	2.660	2.928	3.160	3.375	3.465	3.470	3.250	3.151
w_1	0.8240	0.8676	0.9118	0.9554	1.0000				
η /(mPa s)	3.059	2.955	2.855	2.755					
T /°C = 60.0									16B1
w_1	0.0000	0.1080	0.2143	0.3069	0.4161	0.4916	0.5820	0.6704	0.7756
η /(mPa s)	1.671	1.789	1.897	1.995	2.084	2.122	2.122	2.093	2.024
w_1	0.8240	0.8676	0.9118	0.9554	1.0000				
η /(mPa s)	1.986	1.949	1.9909	1.874	1.825				
T /°C = 80.0									16B1
w_1	0.0000	0.1080	0.2143	0.3069	0.4161	0.4916	0.5820	0.6704	0.7756
η /(mPa s)	1.250	1.321	1.391	1.437	1.470	1.483	1.485	1.471	1.441
w_1	0.8240	0.8676	0.9118	0.9554	1.0000				
η /(mPa s)	1.421	1.406	1.392	1.371	1.348				
2172	C₆H₅NO₃ (1) C₁₀H₈ (2)		4-nitro-phenol naphthalene						100-02-7 91-20-3
T /°C = 121.0									41C2
w_1	0.000	0.118	0.253	0.333	0.498	0.623	0.730	0.898	1.000
η /(mPa s)	0.440	0.478	0.600	0.750	1.055	1.350	1.615	2.045	2.560
2173	C₆H₅NO₃ (1) C₁₀H₁₄N₂ (2)		2-nitro-phenol (S)-(-)-nicotine						88-75-5 54-11-5

$T/^\circ\text{C} = 35.0$									50B1
x_2	0.1563	0.2019	0.3020	0.3189	0.3345	0.3506	0.3662	0.4077	0.5005
$\eta/(\text{mPa s})$	5.0723	5.9955	7.6015	7.8316	8.0113	8.0036	7.9817	7.8893	7.3752
x_2	0.6030	0.6988	0.7988	0.8937	1.0000				
$\eta/(\text{mPa s})$	6.5685	5.6760	4.6166	3.8595	3.1555				

$T/^\circ\text{C} = 50.0$									50B1
x_2	0.0000	0.1020	0.1563	0.2019	0.3020	0.3189	0.3345	0.3506	0.3662
$\eta/(\text{mPa s})$	2.3098	2.7239	3.0730	3.5274	4.1224	4.3440	4.3888	4.3879	4.3620
x_2	0.4077	0.5005	0.6030	0.6988	0.7988	0.8937	1.0000		
$\eta/(\text{mPa s})$	4.1204	3.8298	3.4213	2.9271	2.5233	2.0376			

$T/^\circ\text{C} = 75.0$									50B1
x_2	0.0000	0.1020	0.1563	0.2019	0.3020	0.3189	0.3345	0.3506	0.3662
$\eta/(\text{mPa s})$	1.5612	1.6221	1.7446	1.8778	2.0005	2.0507	2.0805	2.0900	2.0787
x_2	0.4077	0.5005	0.6030	0.6988	0.7988	0.8937	1.0000		
$\eta/(\text{mPa s})$	2.0755	2.0446	2.0040	1.8672	1.6843	1.5351	1.2626		

2174 **C₆H₆ (1)** **benzene** **71-43-2**
C₆H₆O (2) **phenol** **108-95-2**

$T/^\circ\text{C} = 30.0$									73R1
x_1	0.0000	0.1516	0.1994	0.3032	0.4020	0.5009	0.6014	0.6942	0.7897
$\eta/(\text{mPa s})$	6.944	4.191	3.585	2.628	1.986	1.550	1.201	0.975	0.804
x_1	0.8840	1.0000							
$\eta/(\text{mPa s})$	0.682	0.573							

$T/^\circ\text{C} = 25.0$									16B1
w_2	0.0000	0.0604	0.0984	0.2001	0.3240	0.4209	0.5302	0.6365	0.7411
$\eta/(\text{mPa s})$	0.629	0.683	0.724	0.865	1.126	1.401	1.911	2.642	3.811
w_2	0.8320	1.0000							
$\eta/(\text{mPa s})$	5.35	11.04							

$T/^\circ\text{C} = 15.0$									24W4
x_1	0.2481	0.2841	0.3311	0.3984	0.4975	0.5714	0.6666		
η/η_{water}	0.91	0.97	1.08	1.24	1.60	1.97	2.66		

2175 **C₆H₆ (1)** **benzene** **71-43-2**
C₆H₇N (2) **aniline** **62-53-3**

$T/\text{K} = 308.15$									90S4
x_2	0.1019	0.1492	0.2326	0.2670	0.3462	0.4911	0.6312	0.6800	0.7615
$\eta/(\text{mPa s})$	0.5981	0.6532	0.7280	0.7545	0.8563	1.1153	1.4922	1.5900	1.8350

x_2	0.8499								
η /(mPa s)	2.1281								
$T/^\circ\text{C} = 25.0$									88S2
x_2	0.0000	0.0081	0.0804	0.0917	0.1700	0.2878	0.3708	0.4536	0.5294
η /(mPa s)	0.616	0.621	0.685	0.696	0.773	0.929	1.058	1.223	1.410
x_2	0.6194	0.7145	0.8375	0.8991	1.0000				
η /(mPa s)	1.665	2.004	2.584	2.944	3.737				
$T/^\circ\text{C} = 35.0$									88S2
x_2	0.0081	0.0804	0.0917	0.1700	0.2878	0.3708	0.4536	0.5294	0.6194
η /(mPa s)	0.541	0.591	0.601	0.660	0.772	0.877	1.013	1.137	1.323
x_2	0.7145	0.8375	0.8991						
η /(mPa s)	1.558	1.972	2.250						
$T/^\circ\text{C} = 45.0$									88S2
x_2	0.0081	0.0804	0.0917	0.1700	0.2878	0.3708	0.4536	0.5294	0.6194
η /(mPa s)	0.476	0.520	0.524	0.566	0.649	0.730	0.826	0.934	1.079
x_2	0.7145	0.8375	0.8991						
η /(mPa s)	1.255	1.540	1.720						
$T/^\circ\text{C} = 25.0$									65P1
x_1	0.000	0.010	0.026	0.120	0.205	0.304	0.390	0.468	0.520
η /(mPa s)	3.720	3.640	3.555	2.895	2.461	2.022	1.670	1.448	1.307
x_1	0.626	0.662	0.794	0.896	1.000				
η /(mPa s)	1.100	1.056	0.861	0.714	0.604				
$T/^\circ\text{C} = 25.0$									40U2
x_2	0.00	0.25	0.50	0.75	1.00				
η /(mPa s)	0.6025	0.8688	1.3315	2.1704	3.7151				
2176	C₆H₆ (1) C₆H₇N (2)		benzene 2-methyl-pyridine						71-43-2 109-06-8
$T/\text{K} = 298.15$									94L1
x_1	0.1010	0.2038	0.3050	0.4077	0.5085	0.6172	0.7056	0.8064	0.9001
η^E /(mPa s)	-0.0021	-0.0039	-0.0049	-0.0053	-0.0060	-0.0056	-0.0046	-0.0032	-0.002
$T/\text{K} = 313.15$									94L1
x_1	0.1010	0.2038	0.3050	0.4077	0.5085	0.6172	0.7056	0.8064	0.9001
η^E /(mPa s)	-0.0016	-0.0025	-0.0035	-0.0041	-0.0040	-0.0039	-0.0033	-0.0024	-0.001
2177	C₆H₆ (1) C₆H₇N (2)		benzene 3-methyl-pyridine						71-43-2 108-99-6
$T/\text{K} = 298.15$									94L1

x_1	0.1007	0.2003	0.3013	0.4007	0.5030	0.6053	0.7030	0.8031	0.9045
$\eta^E/(\text{mPa s})$	-0.0031	-0.0056	-0.0076	-0.0083	-0.0084	-0.0082	-0.0069	-0.0044	-0.002
$T/\text{K} = 313.15$									94L1
x_1	0.1007	0.2003	0.3013	0.4007	0.5030	0.6053	0.7030	0.8031	0.9045
$\eta^E/(\text{mPa s})$	-0.0022	-0.0038	-0.0050	-0.0059	-0.0060	-0.0056	-0.0049	-0.0033	-0.002
2178	C₆H₆ (1) C₆H₇N (2)		benzene 4-methyl-pyridine						71-43-2 108-89-4
$T/\text{K} = 298.15$									94L1
x_1	0.1012	0.2012	0.3025	0.4034	0.5067	0.6059	0.7029	0.8020	0.9004
$\eta^E/(\text{mPa s})$	-0.0032	-0.0050	-0.0082	-0.0097	-0.0096	-0.0090	-0.0079	-0.0063	-0.004
$T/\text{K} = 313.15$									94L1
x_1	0.1012	0.2012	0.3025	0.4034	0.5067	0.6059	0.7029	0.8020	0.9004
$\eta^E/(\text{mPa s})$	-0.0021	-0.0037	-0.0057	-0.0068	-0.0069	-0.0060	-0.0048	-0.0036	-0.002
2179	C₆H₆ (1) C₆H₁₀ (2)		benzene cyclohexene						71-43-2 110-83-8
$T/\text{K} = 303.15$									90S1
x_2	0.0000	0.1198	0.2756	0.3442	0.4509	0.4904	0.6697	0.7561	0.8665
$\eta/(\text{mPa s})$	0.574	0.570	0.568	0.569	0.566	0.566	0.568	0.568	0.571
x_2	1.0000								
$\eta/(\text{mPa s})$	0.573								
2180	C₆H₆ (1) C₆H₁₀O (2)		benzene cyclohexanone						71-43-2 108-94-1
$T/\text{K} = 298.15$									99A7
x_2	0.0000	0.1014	0.1996	0.3037	0.4039	0.5020	0.5997	0.7018	0.8023
$\eta/(\text{mPa s})$	0.607	0.661	0.726	0.803	0.888	0.996	1.122	1.280	1.472
x_2	0.9237	1.0000							
$\eta/(\text{mPa s})$	1.773	2.229							
$T/\text{K} = 303.15$									99A7
x_2	0.0000	0.1014	0.1996	0.3037	0.4039	0.5020	0.5997	0.7018	0.8023
$\eta/(\text{mPa s})$	0.564	0.616	0.676	0.747	0.824	0.942	1.026	1.175	1.346
x_2	0.9237	1.0000							
$\eta/(\text{mPa s})$	1.610	1.799							
$T/\text{K} = 308.15$									99A7
x_2	0.0000	0.1014	0.1996	0.3037	0.4039	0.5020	0.5997	0.7018	0.8023
$\eta/(\text{mPa s})$	0.528	0.574	0.629	0.694	0.771	0.850	0.945	1.084	1.346

x_2	0.9237	1.0000
$\eta /(\text{mPa s})$	1.472	1.635

 $T/\text{K} = 298.15$

88R3

x_2	0.0000	0.0989	0.1983	0.2984	0.3848	0.5166	0.5909	0.6876	0.7775
$\eta /(\text{mPa s})$	0.613	0.674	0.731	0.800	0.865	0.956	1.086	1.370	1.481

x_2	0.8574	1.0000
$\eta /(\text{mPa s})$	1.534	1.819

2181	C₆H₆ (1)	benzene	71-43-2
	C₆H₁₀O₃ (2)	3-oxo-butylric acid ethyl ester	141-97-9

 $T/^\circ\text{C} = 25.0$

09D1

x_2	0.0000	0.0278	0.1047	0.4356	0.9388	1.0000
$\eta /(\text{mPa s})$	0.6145	0.6170	0.6417	0.7942	1.4070	1.5081

2182	C₆H₆ (1)	benzene	71-43-2
	C₆H₁₂ (2)	cyclohexane	110-82-7

 $T/\text{K} = 298.15$

93M2

x_2	0.0000	0.1130	0.2788	0.3934	0.4840	0.6277	0.7507	0.8313	0.9186
$\eta /(\text{mPa s})$	0.6015	0.5844	0.5858	0.5941	0.6105	0.6509	0.7020	0.7502	0.8154

x_2	1.0000
$\eta /(\text{mPa s})$	0.8909

 $T/\text{K} = 313.15$

93M2

x_2	0.0000	0.1130	0.2788	0.3934	0.4840	0.6277	0.7507	0.8313	0.9186
$\eta /(\text{mPa s})$	0.4891	0.4798	0.4800	0.4892	0.5008	0.5311	0.5672	0.6015	0.6463

x_2	1.0000
$\eta /(\text{mPa s})$	0.6980

A table is given in Ref. 93M2 for pressures up to 50 MPa.

93M2

 $T/\text{K} = 298.15$

91P1

x_2	0.0000	0.0984	0.1986	0.3009	0.4008	0.4989	0.5520	0.6007	0.6478
$\eta /(\text{mPa s})$	0.6048	0.624	0.650	0.677	0.705	0.734	0.750	0.764	0.779

x_2	0.7475	0.8011	0.9022	1.0000
$\eta /(\text{mPa s})$	0.811	0.820	0.863	0.8984

 $T/\text{K} = 298.15$

91A2

x_1	0.0000	0.1043	0.2011	0.3015	0.4038	0.5005	0.6032	0.7006	0.7996
$\eta /(\text{mPa s})$	0.8943	0.8022	0.7423	0.6869	0.6514	0.6313	0.6107	0.5985	0.6000

x_1	0.9011	1.0000
$\eta /(\text{mPa s})$	0.6090	0.6158

 $T/\text{K} = 303.15$

91A2

x_1	0.0000	0.1043	0.2011	0.3015	0.4038	0.5005	0.6032	0.7006	0.7996
η /(mPa s)	0.8231	0.7412	0.6892	0.6418	0.6099	0.5913	0.5734	0.5632	0.5634
x_1	0.9011	1.0000							
η /(mPa s)	0.5689	0.5752							
T /K = 308.15									91A2
x_1	0.0000	0.1043	0.2011	0.3015	0.4038	0.5005	0.6032	0.7006	0.7996
η /(mPa s)	0.7558	0.6842	0.6409	0.5971	0.5697	0.5535	0.5370	0.5274	0.5286
x_1	0.9011	1.0000							
η /(mPa s)	0.5325	0.5380							
T /K = 313.15									91A2
x_1	0.0000	0.1043	0.2011	0.3015	0.4038	0.5005	0.6032	0.7006	0.7996
η /(mPa s)	0.6969	0.6342	0.5944	0.5574	0.5315	0.5172	0.5037	0.4940	0.4952
x_1	0.9011	1.0000							
η /(mPa s)	0.4973	0.5022							
T /°C = 20.0									82A1
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	0.6565	0.6460	0.6382	0.6374	0.6442	0.6602	0.6864	0.7243	0.7810
x_2	0.9	1.0							
η /(mPa s)	0.8664	0.9751							
x_1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	81D2
T /K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	1.181	1.074	0.8966	0.7027	0.5285	0.4129	0.3306	0.2719	
x_1	0.1991	0.1991	0.1989	0.1987	0.1982	0.1975	0.7969	0.1944	81D2
T /K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	0.9348	0.8653	0.7346	0.5916	0.4586	0.3668	0.2989	0.2503	
x_1	0.4020	0.4020	0.4017	0.4014	0.4007	0.3995	0.3977	0.3950	81D2
T /K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	0.8055	0.7468	0.6427	0.5268	0.4161	0.3377	0.2788	0.2348	
x_1	0.6004	0.6004	0.6001	0.5998	0.5991	0.5980	0.5963	0.5936	81D2
T /K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	0.7431	0.6930	0.5977	0.4928	0.3923	0.3203	0.2662	0.2270	
x_1	0.7949	0.7949	0.7947	0.7945	0.7941	0.7934	0.7922	0.7905	81D2
T /K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	0.7269	0.6734	0.5825	0.4809	0.3832	0.3129	0.2608	0.2227	
x_1	0.8779	0.8779	0.8778	0.8777	0.8774	0.8769	0.8762		81D2
T /K	283.15	288.15	298.19	313.23	333.36	353.29	373.28		
η /(mPa s)	0.7319	0.6778	0.5859	0.4826	0.3840	0.3147	0.2633		
x_1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	81D2
T /K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	0.7620	0.6998	0.6021	0.4921	0.3894	0.3174	0.2644	0.2263	

(at saturation vapor pressure)

$T/^\circ\text{C} = 20.0$										80A1
φ_2	0.01	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	
$\eta/(\text{mPa s})$	0.660	0.646	0.638	0.637	0.644	0.660	0.686	0.724	0.781	
φ_2	0.9	0.99								
$\eta/(\text{mPa s})$	0.866	0.973								
$T/^\circ\text{C} = 25.0$										71B1
x_2	0.000	0.215	0.451	0.756	1.000					
$\eta/(\text{mPa s})$	0.600	0.574	0.601	0.712	0.886					
$T/^\circ\text{C} = 20.0$										70K1
x_1	0.000	0.201	0.218	0.400	0.427	0.441	0.600	0.622	0.623	
$\eta/(\text{mPa s})$	0.973	0.794	0.783	0.690	0.682	0.676	0.639	0.638	0.638	
x_1	0.755	0.808	0.809	1.000						
$\eta/(\text{mPa s})$	0.627	0.627	0.628	0.649						
$T/^\circ\text{C} = 40.0$										70K1
x_1	0.000	0.201	0.218	0.400	0.427	0.441	0.600	0.622	0.623	
$\eta/(\text{mPa s})$	0.704	0.593	0.585	0.533	0.526	0.523	0.495	0.493	0.492	
x_1	0.755	0.808	0.809	1.000						
$\eta/(\text{mPa s})$	0.486	0.486	0.486	0.491						
$T/^\circ\text{C} = 60.0$										70K1
x_1	0.000	0.201	0.218	0.400	0.427	0.441	0.600	0.622	0.623	
$\eta/(\text{mPa s})$	0.534	0.461	0.456	0.422	0.419	0.416	0.396	0.395	0.394	
x_1	0.755	0.808	0.809	1.000						
$\eta/(\text{mPa s})$	0.387	0.388	0.388	0.389						
$T/^\circ\text{C} = 15.0$										69M2
x_1	0.000	0.094	0.251	0.418	0.582	0.736	0.891	1.000		
$\eta/(\text{mPa s})$	1.065	0.971	0.823	0.735	0.695	0.678	0.688	0.699		
$T/^\circ\text{C} = 20.0$										69M2
x_1	0.000	0.094	0.251	0.418	0.582	0.736	0.891	1.000		
$\eta/(\text{mPa s})$	0.972	0.896	0.762	0.684	0.649	0.628	0.636	0.644		
$T/^\circ\text{C} = 30.0$										69M2
x_1	0.000	0.094	0.251	0.418	0.582	0.736	0.891	1.000		
$\eta/(\text{mPa s})$	0.819	0.755	0.658	0.594	0.566	0.550	0.555	0.559		
$T/^\circ\text{C} = 40.0$										69M2
x_1	0.000	0.094	0.251	0.418	0.582	0.736	0.891	1.000		
$\eta/(\text{mPa s})$	0.701	0.651	0.574	0.530	0.499	0.489	0.490	0.493		
$T/^\circ\text{C} = 50.0$										69M2
x_1	0.000	0.094	0.251	0.418	0.582	0.736	0.891	1.000		
$\eta/(\text{mPa s})$	0.607	0.567	0.506	0.471	0.445	0.442	0.438	0.438		

$T/^\circ\text{C} = 9.8$										67D2
x_1	0.000	0.666	0.763	0.812	0.907	1.000				
$\eta/(\text{mPa s})$	1.130	0.7213	0.7189	0.7173	0.7278	0.7570				
$T/^\circ\text{C} = 23.6$										67D2
x_1	0.000	0.235	0.415	0.552	0.610	0.685	0.740	0.832	1.000	
$\eta/(\text{mPa s})$	0.900	0.785	0.641	0.611	0.603	0.596	0.593	0.593	0.613	
$T/^\circ\text{C} = 39.8$										67D2
x_1	0.000	0.526	0.617	0.665	0.714	0.764	0.815	0.907	1.000	
$\eta/(\text{mPa s})$	0.671	0.494	0.4817	0.4795	0.4785	0.476	0.478	0.480	0.489	
$T/^\circ\text{C} = 25.0$										67R1
x_1	0.0000	0.1282	0.2174	0.3364	0.4874	0.6470	0.7814	0.9033	1.0000	
$\eta/(\text{mPa s})$	0.8690	0.7622	0.7122	0.6599	0.6124	0.5879	0.5830	0.5926	0.6059	
$T/^\circ\text{C} = 25.0$										66F1
x_1	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa s})$	0.892	0.734	0.641	0.593	0.587	0.602				
$T/^\circ\text{C} = 25.0$										66K2
x_1	0.00	0.15	0.35	0.50	0.65	0.90	1.00			
$\eta/(\text{mPa s})$	0.8856	0.7725	0.6571	0.6120	0.5853	0.5761	0.5996			
$T/^\circ\text{C} = 25.0$										61L2
x_2	0.0	0.2	0.4	0.5	0.6	0.8	1.0			
$\eta/(\text{mPa s})$	0.601	0.581	0.588	0.606	0.629	0.702	0.841			
$T/^\circ\text{C} = 25.0$										54G1
x_1	0.0000	0.2438	0.5490	0.7848	1.0000					
$\eta/(\text{mPa s})$	0.8856	0.7115	0.6011	0.5740	0.5996					
$T/^\circ\text{C} = 25.0$										49G1
x_1	0.0000	0.2438	0.5490	0.7848	1.0000					
$\eta/(\text{mPa s})$	0.8856	0.7115	0.6011	0.5740	0.5996					
$x_2 = 0.00$										40L1, 41L1
$T/^\circ\text{C}$	12.9	21.2	31.7	39.8	49.6					
$\eta/(\text{mPa s})$	0.7509	0.6559	0.5927	0.5173	0.4749					
$x_2 = 0.10$										40L1, 41L1
$T/^\circ\text{C}$	14.3	20.5	39.0	49.8						
$\eta/(\text{mPa s})$	0.7165	0.6258	0.5154	0.4571						
$x_2 = 0.20$										40L1, 41L1
$T/^\circ\text{C}$	13.9	22.9	33.2	39.6	50.8					
$\eta/(\text{mPa s})$	0.7165	0.6310	0.5538	0.5122	0.4572					

$x_2 = 0.30$										40L1, 41L1
$T/^\circ\text{C}$	20.7	30.6	39.6	50.8						
$\eta/(\text{mPa s})$	0.6581	0.5794	0.5184	0.4552						
$x_2 = 0.40$										40L1, 41L1
$T/^\circ\text{C}$	14.2	20.0	30.5	39.5	49.8					
$\eta/(\text{mPa s})$	0.7367	0.6789	0.6035	0.5397	0.4785					
$x_2 = 0.50$										40L1, 41L1
$T/^\circ\text{C}$	13.7	19.6	30.4	39.5	50.3					
$\eta/(\text{mPa s})$	0.7635	0.6962	0.6035	0.5397	0.4785					
$x_2 = 0.60$										40L1, 41L1
$T/^\circ\text{C}$	13.0	19.6	30.4	39.5	50.3					
$\eta/(\text{mPa s})$	0.8096	0.7104	0.6186	0.5535	0.5006					
$x_2 = 0.70$										40L1, 41L1
$T/^\circ\text{C}$	12.1	21.2	30.3	42.6						
$\eta/(\text{mPa s})$	0.8769	0.7579	0.6645	0.5676						
$x_2 = 0.85$										40L1, 41L1
$T/^\circ\text{C}$	13.0	21.4	31.1	41.0	49.7					
$\eta/(\text{mPa s})$	0.9771	0.8456	0.7288	0.6325	0.5670					
$T/\text{K} = 298.15$										90C1
x_1	0.0000	0.1591	0.3447	0.5201	0.6432	0.8559	1.0000			
$\nu/(\text{mm}^2/\text{s})$	1.148	0.9597	0.8230	0.7440	0.7081	0.6797	0.6844			
2183	C₆H₆ (1) C₆H₁₂O (2)	benzene cyclohexanol								71-43-2 108-93-0
$T/^\circ\text{C} = 20.0$										24W3
x_2	0.0000	0.2000	0.2500	0.3333	0.4000	0.5000	0.6666	0.8000	1.0000	
η/η_{water}	0.64	0.86	0.96	1.1	1.3	1.7	2.9	5.2	14.5	
2184	C₆H₆ (1) C₆H₁₂O (2)	benzene 4-methyl-pentan-2-one								71-43-2 108-10-1
$T/\text{K} = 293.15$										95Y1
x_1	0.0000	0.1142	0.2605	0.3972	0.5215	0.5625	0.6009	0.6396	0.7482	
$\eta/(\text{mPa s})$	0.588	0.573	0.569	0.570	0.571	0.572	0.578	0.586	0.598	
x_1	0.8471	0.9395	1.0000							
$\eta/(\text{mPa s})$	0.611	0.631	0.652							
2185	C₆H₆ (1) C₆H₁₂O₂ (2)	benzene acetic acid butyl ester								71-43-2 123-86-4

$T/^\circ\text{C} = 25.0$										66D2
w_1	0.0000	0.3568	0.5952	0.7886	1.0000					
$\eta/(\text{mPa s})$	0.687	0.638	0.609	0.602	0.592					
$T/^\circ\text{C} = 35.0$										66D2
w_1	0.0000	0.3568	0.5952	0.7886	1.0000					
$\eta/(\text{mPa s})$	0.582	0.562	0.532	0.526	0.517					
2186	C₆H₆ (1) C₆H₁₂O₂ (2)		benzene butyric acid ethyl ester							71-43-2 105-54-4
$T/\text{K} = 308.15$										99S1
x_2	0.0000	0.0473	0.0990	0.1937	0.2987	0.4059	0.4998	0.5753	0.7021	
$\eta/(\text{mPa s})$	0.537	0.534	0.531	0.528	0.526	0.527	0.529	0.533	0.541	
x_2	0.7978	0.9030	0.9514	1.0000						
$\eta/(\text{mPa s})$	0.550	0.562	0.569	0.576						
$T/\text{K} = 318.15$										99S1
x_2	0.0000	0.0473	0.0990	0.1937	0.2987	0.4059	0.4998	0.5753	0.7021	
$\eta/(\text{mPa s})$	0.470	0.470	0.471	0.472	0.476	0.481	0.486	0.491	0.502	
x_2	0.7978	0.9030	0.9514	1.0000						
$\eta/(\text{mPa s})$	0.512	0.525	0.531	0.538						
$T/\text{K} = 303.15$										88R6
x_1	0.0000	0.0662	0.2048	0.3293	0.4394	0.5452	0.5996	0.6452	0.7372	
$\eta/(\text{mPa s})$	0.595	0.591	0.581	0.571	0.563	0.559	0.555	0.554	0.551	
x_1	0.8161	0.8938	0.9658	1.0000						
$\eta/(\text{mPa s})$	0.551	0.554	0.555	0.560						
$T/\text{K} = 313.15$										88R6
x_1	0.0000	0.2126	0.4055	0.5070	0.6031	0.8066	1.0000			
$\eta/(\text{mPa s})$	0.559	0.539	0.521	0.513	0.506	0.496	0.491			
2187	C₆H₆ (1) C₆H₁₂O₂ (2)		benzene hexanoic acid							71-43-2 142-62-1
$T/^\circ\text{C} = 25.0$										48J1
w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00	
$\eta/(\text{mPa s})$	0.603	0.626	0.653	0.718	0.908	1.058	1.284	1.844	2.814	
2188	C₆H₆ (1) C₆H₁₂O₂ (2)		benzene propionic acid propyl ester							71-43-2 106-36-5
$T/\text{K} = 298.15$										98C2

x_2	0.0000	0.0701	0.1478	0.2542	0.3452	0.4049	0.6160	0.7421	0.8096
η /(mPa s)	0.592	0.622	0.583	0.583	0.586	0.588	0.604	0.616	0.622
x_2	0.8780	0.9369	1.0000						
η /(mPa s)	0.630	0.635	0.641						

 $T/K = 298.15$

95P2

x_2	0.0000	0.1219	0.3185	0.4856	0.6618	0.8633	1.0000		
ν /(mm ² /s)	0.6844	0.6701	0.6683	0.6741	0.6833	0.6969	0.7111		

2189 **C₆H₆ (1)** **benzene** **71-43-2**
 C₆H₁₃Cl (2) **1-chloro-hexane** **544-10-5**

 $T/K = 298.15$

95P2

x_2	0.0000	0.1032	0.3077	0.4810	0.6529	0.8575	1.0000		
ν /(mm ² /s)	0.6844	0.6601	0.6589	0.6877	0.7078	0.7491	0.7856		

2190 **C₆H₆ (1)** **benzene** **71-43-2**
 C₆H₁₄ (2) **hexane** **110-54-3**

 $T/K = 298.15$

98C2

x_2	0.0000	0.0488	0.1676	0.2486	0.3321	0.3638	0.4168	0.4682	0.5206
η /(mPa s)	0.592	0.550	0.466	0.434	0.397	0.386	0.373	0.358	0.347

x_2	0.6260	0.7434	0.8753	0.9498	1.0000				
η /(mPa s)	0.328	0.312	0.299	0.294	0.291				

 $T/K = 303.15$

90R1

x_1	0.0000	0.1417	0.2654	0.3829	0.4919	0.5899	0.6828	0.7738	0.8512
η /(mPa s)	0.309	0.316	0.330	0.347	0.367	0.390	0.416	0.447	0.482

x_1	0.9289	1.0000							
η /(mPa s)	0.526	0.576							

 $T/^\circ\text{C} = 24.7$

89S1

x_1	0.0000	0.1026	0.2013	0.2817	0.4385	0.5967	0.7149	0.7940	0.8993
η /(mPa s)	0.3044	0.3104	0.3191	0.3276	0.3516	0.3871	0.4256	0.4600	0.5212

x_1	1.0000								
η /(mPa s)	0.6053								

 $T/K = 298.15$

86A3

x_2	0.00000	0.05393	0.11224	0.20795	0.30955	0.41965	0.50041	0.59341	
η /(mPa s)	0.6108	0.5662	0.5225	0.4720	0.4294	0.3921	0.3712	0.3533	

x_2	0.68570	0.79132	0.88344	1.00000					
η /(mPa s)	0.3394	0.3268	0.3202	0.3096					

 $T/K = 298.15$

81T1

x_2	0.000	0.070	0.182	0.265	0.405	0.563	1.000		
$\eta /(\text{mPa s})$	0.601	0.556	0.500	0.489	0.429	0.400	0.295		
$T/\text{K} = 308.15$									81T1
x_2	0.000	0.070	0.182	0.265	0.405	0.563	1.000		
$\eta /(\text{mPa s})$	0.524	0.486	0.441	0.415	0.384	0.361	0.265		
$T/\text{K} = 323.15$									81T1
x_2	0.000	0.070	0.182	0.265	0.405	0.563	1.000		
$\eta /(\text{mPa s})$	0.434	0.407	0.374	0.356	0.334	0.320	0.235		
x_1	0.4995	0.4995	0.4997	0.4999	0.5002	0.5007	0.5013		81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28		
$\eta /(\text{mPa s})$	0.7620	0.6998	0.6021	0.4921	0.3894	0.3174	0.2644		
<i>(at saturation vapor pressure)</i>									
$T/^\circ\text{C} = 25.0$									81A1
x_1	0.0000	0.0651	0.1218	0.2763	0.4144	0.5822	0.7092	0.8210	0.9055
$\eta /(\text{mPa s})$	0.2942	0.2983	0.3034	0.3184	0.3390	0.3759	0.4165	0.4673	0.5208
x_1	1.0000								
$\eta /(\text{mPa s})$	0.6029								
$T/\text{K} = 363.15$									78M1
x_2	0.0432	0.1336	0.1815	0.3260	0.3996	0.5035	0.5829	0.6880	0.7772
$\eta /(\text{mPa s})$	0.274	0.259	0.243	0.225	0.211	0.208	0.200	0.187	0.185
x_2	0.9102								
$\eta /(\text{mPa s})$	0.1715								
$T/\text{K} = 383.15$									78M1
x_2	0.0421	0.1315	0.1765	0.3264	0.3998	0.5050	0.5828	0.6878	0.7771
$\eta /(\text{mPa s})$	0.2315	0.214	0.203	0.183	0.175	0.174	0.163	0.150	0.152
x_2	0.9102								
$\eta /(\text{mPa s})$	0.139								
$T/\text{K} = 403.15$									78M1
x_2	0.0425	0.1304	0.1773	0.3308	0.3996	0.5069	0.5831	0.6887	0.7781
$\eta /(\text{mPa s})$	0.193	0.181	0.173	0.150	0.147	0.139	0.136	0.126	0.123
x_2	0.9102								
$\eta /(\text{mPa s})$	0.110								
$T/\text{K} = 423.15$									78M1
x_2	0.0392	0.1184	0.1680	0.3304	0.3936	0.5017	0.5918	0.6828	0.7749
$\eta /(\text{mPa s})$	0.163	0.152	0.146	0.128	0.1235	0.119	0.113	0.108	0.101
x_2	0.9102								
$\eta /(\text{mPa s})$	0.089								
$T/\text{K} = 443.15$									78M1
x_2	0.0387	0.1189	0.1680	0.3320	0.3922	0.5019	0.5897	0.6824	0.7747

η /(mPa s)	0.135	0.132	0.128	0.114	0.109	0.103	0.101	0.092	0.083
x_2	0.9102								
η /(mPa s)	0.070								
T /K = 463.15									78M1
x_2	0.0390	0.1192	0.1682	0.3307	0.3922	0.5015	0.5879	0.6814	0.7745
η /(mPa s)	0.121	0.114	0.110	0.100	0.094	0.0865	0.080	0.068	0.0625
x_2	0.9102								
η /(mPa s)	0.0524								
<i>(at saturation vapor pressure)</i>									
T /°C = 20.0									71N1
x_1	0.1713	0.3148	0.4632	0.5799	0.7266	0.8082	0.9173		
η /(mPa s)	0.327	0.345	0.371	0.406	0.454	0.494	0.570		
T /°C = 20.0									70K1
x_2	0.000	0.190	0.196	0.359	0.569	0.571	0.784	1.000	
η /(mPa s)	0.649	0.494	0.490	0.412	0.363	0.359	0.326	0.309	
T /°C = 40.0									70K1
x_2	0.000	0.190	0.196	0.359	0.569	0.571	0.784	1.000	
η /(mPa s)	0.491	0.392	0.390	0.338	0.298	0.298	0.274	0.258	
T /°C = 60.0									70K1
x_2	0.000	0.190	0.196	0.359	0.569	0.571	0.784	1.000	
η /(mPa s)	0.389	0.316	0.315	0.281	0.250	0.250	0.230	0.219	
T /°C = 25.0									67R1
x_1	0.0000	0.1281	0.2665	0.4050	0.5704	0.7216	0.8811	1.0000	
η /(mPa s)	0.3008	0.3134	0.3270	0.3471	0.3822	0.4254	0.5139	0.6059	
T /°C = 25.0									61L2
x_2	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
η /(mPa s)	0.601	0.469	0.400	0.377	0.359	0.334	0.316		
T /°C = 25.0									81A1
x_1	0.0000	0.0651	0.1218	0.2763	0.4144	0.5822	0.7092	0.8210	0.9055
ν /(mm ² /s)	0.4494	0.4490	0.4508	0.4558	0.4686	0.4958	0.5282	0.5710	0.6177
x_1	1.0000								
ν /(mm ² /s)	0.6902								
T /°C = 25.0									67H1
x_1	0.9253	0.8538	0.7779	0.7170	0.6392	0.5577	0.4730	0.3722	0.2548
ν /(mm ² /s)	0.6296	0.5862	0.5525	0.5300	0.5069	0.4912	0.4773	0.4656	0.4561
x_1	0.1795								
ν /(mm ² /s)	0.4534								

2191	C₆H₆ (1) C₆H₁₄O (2)	benzene hexan-1-ol								71-43-2 111-27-3
<i>T</i> /°C = 25.0										
<i>w</i> ₂	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00	
<i>η</i> /(mPa s)	0.603	0.615	0.633	0.709	0.980	1.195	1.505	2.444	4.329	
2192	C₆H₆ (1) C₆H₁₅N (2)	benzene hexylamine								71-43-2 111-26-2
<i>T</i> /K = 303.15										
<i>x</i> ₁	0.0000	0.1050	0.2983	0.4918	0.5946	0.6955	0.7954	0.8997	1.0000	
<i>η</i> /(mPa s)	0.7290	0.6977	0.6450	0.6006	0.5814	0.5639	0.5506	0.5490	0.5621	
2193	C₆H₆ (1) C₆H₁₅N (2)	benzene triethylamine								71-43-2 121-44-8
<i>T</i> /K = 303.15										
<i>x</i> ₂	0.0000	0.0673	0.2121	0.2980	0.4844	0.5993	1.0000			
<i>η</i> /(mPa s)	0.562	0.503	0.450	0.394	0.393	0.378	0.323			
2194	C₆H₆ (1) C₇H₅N (2)	benzene benzonitrile								71-43-2 100-47-0
<i>T</i> /°C = 25.0										
<i>x</i> ₂	0.0	0.2	1.0							
<i>η</i> /(mPa s)	0.602	0.688	1.249							
<i>T</i> /°C = 35.0										
<i>x</i> ₂	0.0	0.2	1.0							
<i>η</i> /(mPa s)	0.527	0.605	1.071							
<i>T</i> /°C = 45.0										
<i>x</i> ₂	0.0	0.2	1.0							
<i>η</i> /(mPa s)	0.464	0.532	0.931							
<i>T</i> /°C = 50.0										
<i>x</i> ₂	0.0	0.2	1.0							
<i>η</i> /(mPa s)	0.436	0.498	0.866							
2195	C₆H₆ (1) C₇H₅NS (2)	benzene phenyl isothiocyanate								71-43-2 103-72-0
<i>T</i> /°C = 15.0										
									55A1	

x_2	0.0	0.25	0.50	0.75	1.0			
η /(mPa s)	0.695	0.759	0.954	1.217	1.803			
T /°C = 25.0								55A1
x_2	0.0	0.25	0.50	0.75	1.0			
η /(mPa s)	0.606	0.639	0.765	0.966	1.380			
T /°C = 50.0								55A1
x_2	0.0	0.25	0.50	0.75	1.0			
η /(mPa s)	0.467	0.493	0.540	0.669	0.806			
2196	C₆H₆ (1) C₇H₆O (2)		benzene benzaldehyde					71-43-2 100-52-7
T /°C = 25.0								58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	1.0	
η /(mPa s)	0.602	0.655	0.714	0.847	0.928	1.012	1.411	
T /°C = 35.0								58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	1.0	
η /(mPa s)	0.527	0.583	0.625	0.742	0.809	0.885	1.215	
T /°C = 45.0								58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	1.0	
η /(mPa s)	0.464	0.509	0.551	0.667	0.711	0.773	1.051	
T /°C = 50.0								58L2
x_2	0.0	0.1	0.2	0.5	0.6	1.0		
η /(mPa s)	0.436	0.477	0.517	0.665	0.724	0.975		
2197	C₆H₆ (1) C₇H₆O₂ (2)		benzene 2-hydroxy-benzaldehyde					71-43-2 90-02-8
T /°C = 17.0								25W1
x_1	0.20	0.33	0.50	0.66	0.80			
η/η_{water}	1.8	1.5	1.2	1.0	0.9			
2198	C₆H₆ (1) C₇H₈ (2)		benzene toluene					71-43-2 108-88-3
T /°C = 30.0								99S3
x_1	0.000	0.101	0.200	0.400	0.601	0.800	0.900	1.000
η /(mPa s)	0.523	0.530	0.539	0.551	0.563	0.576	0.587	0.630
T /°C = 35.0								99S3
x_1	0.000	0.101	0.200	0.400	0.601	0.800	0.900	1.000
η /(mPa s)	0.499	0.507	0.518	0.532	0.541	0.556	0.564	0.604

$T/^\circ\text{C} = 40.0$									99S3
x_1	0.000	0.101	0.200	0.400	0.601	0.800	0.900	1.000	
$\eta/(\text{mPa s})$	0.478	0.483	0.491	0.505	0.517	0.529	0.550	0.598	
$T/^\circ\text{C} = 45.0$									99S3
x_1	0.000	0.101	0.200	0.400	0.601	0.800	0.900	1.000	
$\eta/(\text{mPa s})$	0.458	0.464	0.471	0.484	0.500	0.517	0.531	0.553	
$T/^\circ\text{C} = 30.0$									91B1
x_1	0.00000	0.09950	0.20011	0.29991	0.40634	0.50016	0.59920	0.70037	
$\eta/(\text{mPa s})$	0.54336	0.54544	0.54752	0.54985	0.55325	0.55595	0.55945	0.56311	
x_1	0.79984	0.90040	1.00000						
$\eta/(\text{mPa s})$	0.56717	0.57247	0.57797						
$T/^\circ\text{C} = 25.0$									81A1
x_1	0.0000	0.0655	0.0991	0.2566	0.3969	0.5481	0.6618	0.8029	0.9087
$\eta/(\text{mPa s})$	0.5526	0.5543	0.5554	0.5591	0.5652	0.5720	0.5783	0.5874	0.5951
x_1	1.0000								
$\eta/(\text{mPa s})$	0.6026								
$T/^\circ\text{C} = 20.0$									70K1
x_1	0.000	0.232	0.435	0.440	0.638	0.824	1.000		
$\eta/(\text{mPa s})$	0.586	0.585	0.596	0.598	0.613	0.628	0.649		
$T/^\circ\text{C} = 60.0$									70K1
x_1	0.000	0.232	0.435	0.440	0.638	0.824	1.000		
$\eta/(\text{mPa s})$	0.382	0.381	0.382	0.385	0.383	0.388	0.389		
$x_2 = 0.0000$									55M1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0		
$\eta/(\text{mPa s})$	0.757	0.649	0.561	0.490	0.435	0.390	0.346		
$x_2 = 0.2181$									55M1
$T/^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0			
$\eta/(\text{mPa s})$	0.617	0.540	0.479	0.424	0.383	0.347			
$x_2 = 0.3417$									55M1
$T/^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0			
$\eta/(\text{mPa s})$	0.606	0.529	0.471	0.423	0.380	0.346			
$x_2 = 0.4851$									55M1
$T/^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0			
$\eta/(\text{mPa s})$	0.599	0.526	0.470	0.420	0.380	0.344			
$x_2 = 0.5617$									55M1
$T/^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0			
$\eta/(\text{mPa s})$	0.592	0.523	0.463	0.416	0.380	0.344			
$x_2 = 0.8312$									55M1

$T/^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0			
$\eta/(\text{mPa}\cdot\text{s})$	0.575	0.509	0.456	0.411	0.374	0.342			
$x_2 = 1.0000$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa}\cdot\text{s})$	0.992	0.866	0.772	0.669	0.586	0.519	0.470	0.418	
$T/^\circ\text{C}$	60.0	70.0	80.0						
$\eta/(\text{mPa}\cdot\text{s})$	0.382	0.347	0.319						
$x_2 = 0.000$									40L1, 41L1
$T/^\circ\text{C}$	12.9	21.2	31.7	39.8	49.6				
$\eta/(\text{mPa}\cdot\text{s})$	0.7509	0.6559	0.5927	0.5173	0.4749				
$x_2 = 0.107$									40L1, 41L1
$T/^\circ\text{C}$	12.8	22.5	32.4	39.7	50.6				
$\eta/(\text{mPa}\cdot\text{s})$	0.7495	0.6473	0.5782	0.5215	0.4713				
$x_2 = 0.202$									40L1, 41L1
$T/^\circ\text{C}$	13.0	21.6	32.5	39.8	49.8				
$\eta/(\text{mPa}\cdot\text{s})$	0.7486	0.6571	0.5700	0.5201	0.4648				
$x_2 = 0.272$									40L1, 41L1
$T/^\circ\text{C}$	12.4	22.7	39.8	50.7					
$\eta/(\text{mPa}\cdot\text{s})$	0.7402	0.6379	0.5187	0.4627					
$x_2 = 0.386$									40L1, 41L1
$T/^\circ\text{C}$	12.6	22.9	32.6	40.1	50.4				
$\eta/(\text{mPa}\cdot\text{s})$	0.7256	0.6282	0.5579	0.5100	0.4611				
$x_2 = 0.508$									40L1, 41L1
$T/^\circ\text{C}$	12.6	22.4	32.2	40.2	50.6				
$\eta/(\text{mPa}\cdot\text{s})$	0.7109	0.6234	0.5535	0.5064	0.4568				
$x_2 = 0.620$									40L1, 41L1
$T/^\circ\text{C}$	12.6	21.8	32.4	40.3	49.9				
$\eta/(\text{mPa}\cdot\text{s})$	0.7197	0.6245	0.5525	0.5057	0.4581				
$x_2 = 0.719$									40L1, 41L1
$T/^\circ\text{C}$	12.3	24.2	32.2	39.9	49.4				
$\eta/(\text{mPa}\cdot\text{s})$	0.7558	0.6066	0.5540	0.5077	0.4640				
$x_2 = 0.830$									40L1, 41L1
$T/^\circ\text{C}$	13.2	21.5	32.0	40.3	49.7				
$\eta/(\text{mPa}\cdot\text{s})$	0.6949	0.6216	0.5517	0.5068	0.4602				
$x_2 = 1.000$									40L1, 41L1
$T/^\circ\text{C}$	13.6	22.7	32.2	39.5	49.5				
$\eta/(\text{mPa}\cdot\text{s})$	0.6747	0.5984	0.5375	0.4982	0.4498				
$T/^\circ\text{C} = 90.0$									29K1

x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.294	0.292	0.286	0.290	0.289	
$T / ^\circ\text{C} = 100.0$						29K1
x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.272	0.266	0.262	0.267	0.264	
$T / ^\circ\text{C} = 110.0$						29K1
x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.252	0.244	0.244	0.245	0.240	
$T / ^\circ\text{C} = 120.0$						29K1
x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.232	0.224	0.222	0.226	0.223	
$T / ^\circ\text{C} = 130.0$						29K1
x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.217	0.207	0.207	0.209	0.202	
$T / ^\circ\text{C} = 140.0$						29K1
x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.200	0.192	0.191	0.195	0.187	
$T / ^\circ\text{C} = 150.0$						29K1
x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.1865	0.178	0.178	0.181	0.172	
$T / ^\circ\text{C} = 160.0$						29K1
x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.174	0.165	0.165	0.169	0.152	
$T / ^\circ\text{C} = 170.0$						29K1
x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.162	0.153	0.153	0.157	0.149	
$T / ^\circ\text{C} = 180.0$						29K1
x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.153	0.143	0.143	0.147	0.137	
$T / ^\circ\text{C} = 190.0$						29K1
x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.142	0.132	0.131	0.136	0.128	
$T / ^\circ\text{C} = 200.0$						29K1
x_2	0.0000	0.2875	0.4560	0.6266	1.0000	
$\eta /(\text{mPa s})$	0.133	0.123	0.123	0.127	0.1185	
$T / ^\circ\text{C} = 15.0$						06G1
φ_2	0.00	0.25	0.50	0.75	1.00	
$\eta /(\text{mPa s})$	0.704	0.655	0.631	0.624	0.627	
$T / ^\circ\text{C} = 20.0$						06G1

φ_2	0.00	0.25	0.50	0.75	1.00					
$\eta /(\text{mPa s})$	0.649	0.607	0.597	0.584	0.586					
$T/^\circ\text{C} = 25.0$										06G1
φ_2	0.00	0.25	0.50	0.75	1.00					
$\eta /(\text{mPa s})$	0.606	0.574	0.566	0.556	0.553					
$T/^\circ\text{C} = 30.0$										06G1
φ_2	0.00	0.25	0.50	0.75	1.00					
$\eta /(\text{mPa s})$	0.562	0.539	0.531	0.525	0.520					
$T/^\circ\text{C} = 35.0$										06G1
φ_2	0.00	0.25	0.50	0.75	1.00					
$\eta /(\text{mPa s})$	0.527	0.506	0.502	0.498	0.493					
$T/^\circ\text{C} = 40.0$										06G1
φ_2	0.00	0.25	0.50	0.75	1.00					
$\eta /(\text{mPa s})$	0.492	0.480	0.476	0.472	0.466					
$T/^\circ\text{C} = 25.0$										81A1
x_1	0.0000	0.0655	0.0991	0.2566	0.3969	0.5481	0.6618	0.8029	0.9087	
$\nu /(\text{mm}^2/\text{s})$	0.6413	0.6430	0.6440	0.6474	0.6535	0.6602	0.6664	0.6753	0.6828	
x_1	1.0000									
$\nu /(\text{mm}^2/\text{s})$	0.6902									
$T/^\circ\text{C} = 25.0$										60M1
x_1	0.0000	0.1159	0.2032	0.3445	0.4476	0.5677	0.6394	0.7741	0.8772	
$\nu /(\text{mm}^2/\text{s})$	0.6414	0.6439	0.6468	0.6509	0.6546	0.6608	0.6645	0.6730	0.6807	
x_1	1.0000									
$\nu /(\text{mm}^2/\text{s})$	0.6915									
2199	C₆H₆ (1)		benzene							71-43-2
	C₇H₈O (2)		methoxybenzene							100-66-3
$T/\text{K} = 298.15$										90J2
x_2	0.0000	0.1025	0.2004	0.3003	0.4020	0.4985	0.5991	0.6990	0.8050	
$\eta /(\text{mPa s})$	0.5997	0.6396	0.6806	0.7121	0.7553	0.7849	0.8308	0.8709	0.9112	
x_2	0.9013	1.0000								
$\eta /(\text{mPa s})$	0.9506	1.0023								
$T/\text{K} = 303.15$										90J2
x_2	0.0000	0.1025	0.2004	0.3003	0.4020	0.4985	0.5991	0.6990	0.8050	
$\eta /(\text{mPa s})$	0.5620	0.6033	0.6433	0.6712	0.7045	0.7380	0.7765	0.8121	0.8545	
x_2	0.9013	1.0000								
$\eta /(\text{mPa s})$	0.8883	0.9315								
$T/\text{K} = 308.15$										90J2

x_2	0.0000	0.1025	0.2004	0.3003	0.4020	0.4985	0.5991	0.6990	0.8050
$\eta / (\text{mPa s})$	0.5413	0.5736	0.6196	0.6447	0.6750	0.7086	0.7422	0.7763	0.8167
x_2	0.9013	1.0000							
$\eta / (\text{mPa s})$	0.8509	0.8896							
$T / \text{K} = 313.15$									90J2
x_2	0.0000	0.1025	0.2004	0.3003	0.4020	0.4985	0.5991	0.6990	0.8050
$\eta / (\text{mPa s})$	0.4863	0.5191	0.5555	0.5884	0.6099	0.6337	0.6690	0.7007	0.7318
x_2	0.9013	1.0000							
$\eta / (\text{mPa s})$	0.7626	0.7977							
$T / ^\circ\text{C} = 25.0$									65F1
x_2	0.0000	0.0829	0.1660	0.2786	0.3574	0.4574	0.5408	0.6606	0.7574
$\eta / (\text{mPa s})$	0.603	0.630	0.663	0.700	0.730	0.770	0.802	0.852	0.892
x_2	0.8585	1.0000							
$\eta / (\text{mPa s})$	0.935	0.999							
$T / ^\circ\text{C} = 50.0$									65F1
x_2	0.0000	0.0829	0.1660	0.2786	0.3574	0.4574	0.5408	0.6606	0.7574
$\eta / (\text{mPa s})$	0.437	0.456	0.477	0.507	0.524	0.552	0.575	0.607	0.632
x_2	0.8585	1.0000							
$\eta / (\text{mPa s})$	0.664	0.709							
$T / ^\circ\text{C} = 25.0$									65F4
x_2	0.0	0.2	0.5	0.8	1.0				
$\eta / (\text{mPa s})$	0.604	0.670	0.786	0.906	0.995				
$T / ^\circ\text{C} = 75.0$									65F4
x_2	0.0	0.2	0.5	0.8	1.0				
$\eta / (\text{mPa s})$	0.333	0.367	0.425	0.485	0.527				
$T / ^\circ\text{C} = 25.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
$\eta / (\text{mPa s})$	0.602	0.635	0.671	0.742	0.782	0.821	0.907	0.986	
$T / ^\circ\text{C} = 35.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
$\eta / (\text{mPa s})$	0.527	0.556	0.587	0.649	0.680	0.715	0.785	0.851	
$T / ^\circ\text{C} = 45.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
$\eta / (\text{mPa s})$	0.464	0.489	0.517	0.570	0.597	0.626	0.684	0.739	
$T / ^\circ\text{C} = 50.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
$\eta / (\text{mPa s})$	0.436	0.460	0.485	0.533	0.559	0.585	0.640	0.690	
$T / ^\circ\text{C} = 0.0$									31P1

x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.16	1.21	1.265	1.32	1.38	1.44	1.51	1.57	1.64
x_2	0.90	1.00							
$\eta /(\text{mPa s})$	1.70	1.78							
$T / ^\circ\text{C} = 10.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	1.05	1.09	1.13	1.17	1.21	1.25	1.30	1.35	1.40
x_2	0.90	1.00							
$\eta /(\text{mPa s})$	1.45	1.51							
$T / ^\circ\text{C} = 20.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.958	0.984	1.02	1.05	1.085	1.12	1.16	1.20	1.24
x_2	0.90	1.00							
$\eta /(\text{mPa s})$	1.28	1.32							
$T / ^\circ\text{C} = 30.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.883	0.911	0.940	0.968	1.00	1.03	1.07	1.10	1.13
x_2	0.90	1.00							
$\eta /(\text{mPa s})$	1.17	1.21							
$T / ^\circ\text{C} = 40.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.820	0.846	0.875	0.904	0.930	0.961	0.993	1.02	1.06
x_2	0.90	1.00							
$\eta /(\text{mPa s})$	1.09	1.12							
$T / ^\circ\text{C} = 50.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.768	0.791	0.820	0.846	0.871	0.900	0.928	0.955	0.982
x_2	0.90	1.00							
$\eta /(\text{mPa s})$	1.01	1.04							
$T / ^\circ\text{C} = 60.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.725	0.747	0.770	0.795	0.820	0.845	0.868	0.895	0.919
x_2	0.90	1.00							
$\eta /(\text{mPa s})$	0.943	0.967							

2200	C₆H₆ (1)		benzene						71-43-2
	C₇H₈O (2)		2-methyl-phenol						95-48-7
$T/\text{K} = 308.15$									83D1
x_2	0.0000	0.1176	0.2203	0.3357	0.4352	0.5693	0.6728	0.7757	0.8960

η /(mPa s)	0.5292	0.6410	0.7752	0.9753	1.1637	1.5351	2.1090	2.7747	3.7742
x_2	1.0000								
η /(mPa s)	6.6370								
$T/^\circ\text{C} = 30.0$									73R1
x_1	0.0000	0.1013	0.1996	0.2992	0.4074	0.4996	0.6027	0.6988	0.8001
η /(mPa s)	5.760	4.221	3.170	2.420	1.820	1.457	1.154	0.947	0.782
x_1	0.8995	1.0000							
η /(mPa s)	0.670	0.573							
$T/^\circ\text{C} = 25.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
η /(mPa s)	0.602	0.704	0.849	1.319	1.661	2.148	3.874	7.493	
$T/^\circ\text{C} = 35.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
η /(mPa s)	0.527	0.609	0.727	1.073	1.334	1.668	2.766	4.853	
$T/^\circ\text{C} = 45.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
η /(mPa s)	0.464	0.531	0.623	0.894	1.084	1.331	2.067	3.359	
$T/^\circ\text{C} = 50.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
η /(mPa s)	0.436	0.497	0.578	0.815	0.981	1.186	1.807	2.830	
$T/^\circ\text{C} = 18.0$									24W2
x_2	0.0000	0.1192	0.1610	0.2252	0.3040	0.3861	0.4348	0.5814	0.8403
η/η_{water}	0.55	0.73	0.79	0.94	1.18	1.38	1.50	2.15	8.84
$T/\text{K} = 308.15$									83D1
x_2	0.0000	0.1176	0.2203	0.3357	0.4352	0.5693	0.6728	0.7757	0.8960
ν /(mm ² /s)	0.6131	0.7232	0.8558	1.0523	1.2323	1.5873	2.1433	2.7743	3.7062
x_2	1.0000								
ν /(mm ² /s)	6.4211								
2201	C₆H₆ (1) C₇H₈O (2)		benzene 3-methyl-phenol						71-43-2 108-39-4
$T/\text{K} = 308.15$									83D1
x_2	0.0000	0.1019	0.1702	0.3050	0.4025	0.5186	0.6441	0.7680	0.8611
η /(mPa s)	0.5292	0.6327	0.7272	0.9887	1.2819	1.6928	2.4361	3.6483	4.9634
x_2	0.9525	1.0000							
η /(mPa s)	6.9371	8.7224							
$T/^\circ\text{C} = 30.0$									73R1

x_1	0.0000	0.0984	0.1984	0.2960	0.3968	0.4952	0.5955	0.6953	0.7969
$\eta / (\text{mPa s})$	9.548	6.378	4.354	3.160	2.256	1.685	1.286	1.016	0.806
x_1	0.8961	1.0000							
$\eta / (\text{mPa s})$	0.671	0.573							
$T / ^\circ\text{C} = 0.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	1.16	1.25	1.64	2.18	3.18	4.44	7.01	11.9	20.8
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	43.2	95.0							
$T / ^\circ\text{C} = 10.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	1.05	1.18	1.40	1.69	2.24	3.19	4.59	6.75	9.93
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	16.2	43.9							
$T / ^\circ\text{C} = 20.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	0.958	1.00	1.30	1.42	1.89	2.44	3.14	4.12	5.63
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	8.33	20.8							
$T / ^\circ\text{C} = 30.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	0.883	0.952	1.06	1.22	1.53	1.94	2.50	3.38	4.62
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	6.41	10.0							
$T / ^\circ\text{C} = 40.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	0.820	0.851	0.962	1.11	1.32	1.62	2.00	2.46	3.10
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	4.10	6.18							
$T / ^\circ\text{C} = 50.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	0.768	0.812	0.901	1.05	1.25	1.47	1.75	2.11	2.60
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	3.26	4.38							
$T / ^\circ\text{C} = 60.0$									31P1
x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta / (\text{mPa s})$	0.725	0.783	0.899	1.01	1.18	1.23	1.46	1.72	2.12
x_2	0.90	1.00							
$\eta / (\text{mPa s})$	2.60	3.37							

$T/^\circ\text{C} = 18.0$									24W2
x_2	0.0000	0.2012	0.2740	0.4292	0.5319	0.6024	0.6944	0.8333	
η/η_{water}	0.55	1.01	1.08	1.58	2.38	2.91	3.49	4.70	
$T/^\circ\text{C} = 12.0$									14K1
x_2	0.000	0.250	0.500	0.750	1.000				
η/η_{water}	0.5852	0.9976	2.370	6.638	23.920				
$T/^\circ\text{C} = 64.0$									14K1
x_2	0.000	0.250	0.500	0.750	1.000				
η/η_{water}	0.8332	1.191	1.557	2.404	4.119				
$T/\text{K} = 308.15$									83D1
x_2	0.0000	0.1019	0.1702	0.3050	0.4025	0.5186	0.6441	0.7680	0.8611
$\nu/(\text{mm}^2/\text{s})$	0.6131	0.7171	0.8128	1.0765	1.3695	1.7746	2.5027	3.6784	4.9378
x_2	0.9525	1.0000							
$\nu/(\text{mm}^2/\text{s})$	6.8149	8.5143							
2202	C₆H₆ (1) C₇H₈O (2)	benzene 4-methyl-phenol						71-43-2 106-44-5	
$T/\text{K} = 308.15$									83D1
x_2	0.0000	0.0751	0.1778	0.2920	0.4109	0.5320	0.6653	0.7851	0.8374
$\eta/(\text{mPa s})$	0.5292	0.6025	0.7490	0.9762	1.3267	1.8701	2.7055	4.1752	4.9631
x_2	0.9459	1.0000							
$\eta/(\text{mPa s})$	7.4676	9.4022							
$T/^\circ\text{C} = 18.0$									24W2
x_2	0.0000	0.1168	0.1709	0.2512	0.3508	0.3937	0.4348	0.6061	0.7092
η/η_{water}	0.55	0.78	0.86	1.00	1.39	1.58	1.89	3.27	5.01
$T/\text{K} = 308.15$									83D1
x_2	0.0000	0.0751	0.1778	0.2920	0.4109	0.5320	0.6653	0.7851	0.8374
$\nu/(\text{mm}^2/\text{s})$	0.6131	0.6867	0.8359	1.0659	1.4179	1.9600	2.7745	4.2065	4.9634
x_2	0.9459	1.0000							
$\nu/(\text{mm}^2/\text{s})$	7.3578	9.1981							
2203	C₆H₆ (1) C₇H₈O (2)	benzene phenylmethanol						71-43-2 100-51-6	
$T/^\circ\text{C} = 25.0$									58L2
x_2	0.0	0.1	0.2	0.5	0.8	1.0			
$\eta/(\text{mPa s})$	0.602	0.700	0.855	1.712	3.267	5.276			
$T/^\circ\text{C} = 35.0$									58L2

x_2	0.0	0.1	0.2	0.5	0.8	1.0
$\eta /(\text{mPa s})$	0.527	0.597	0.714	1.379	2.433	3.891

 $T / ^\circ\text{C} = 45.0$

58L2

x_2	0.0	0.1	0.2	0.5	0.8	1.0
$\eta /(\text{mPa s})$	0.464	0.526	0.617	1.139	1.904	2.945

 $T / ^\circ\text{C} = 50.0$

58L2

x_2	0.0	0.1	0.2	0.5	0.8	1.0
$\eta /(\text{mPa s})$	0.436	0.493	0.575	1.026	1.695	2.591

2204 **C₆H₆ (1)** **benzene** **71-43-2**
 C₇H₈O₂ (2) **2-methoxy-phenol** **90-05-1**

 $T / ^\circ\text{C} = 30.0$

29P1

x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	4.45	3.40	2.49	1.97	1.57	1.29	1.04	0.873	0.742

x_1	0.90	1.00
$\eta /(\text{mPa s})$	0.641	0.569

 $T / ^\circ\text{C} = 17.0$

25W1

x_1	0.33	0.50	0.60	0.66	0.75
$\eta / \eta_{\text{water}}$	2.4	1.5	1.2	1.1	0.9

2205 **C₆H₆ (1)** **benzene** **71-43-2**
 C₇H₉N (2) **2,4-dimethyl-pyridine** **108-47-4**

 $T / \text{K} = 303.15$

89R9

x_2	0.0000	0.1033	0.1926	0.3022	0.3970	0.4920	0.6027	0.6970	0.8005
$\eta /(\text{mPa s})$	0.5551	0.5693	0.5838	0.6013	0.6187	0.6483	0.6749	0.6927	0.7197

x_2	0.8995	1.0000
$\eta /(\text{mPa s})$	0.7508	0.7893

 $T / \text{K} = 313.15$

89R9

x_2	0.0000	0.1033	0.1926	0.3022	0.3970	0.4920	0.6027	0.6970	0.8005
$\eta /(\text{mPa s})$	0.4923	0.5048	0.5147	0.5305	0.5497	0.5727	0.5908	0.6073	0.6318

x_2	0.8995	1.0000
$\eta /(\text{mPa s})$	0.6679	0.6863

 $T / \text{K} = 323.15$

89R9

x_2	0.0000	0.1033	0.1926	0.3022	0.3970	0.4920	0.6027	0.6970	0.8005
$\eta /(\text{mPa s})$	0.4343	0.4489	0.4582	0.4749	0.4967	0.5102	0.5277	0.5424	0.5752

x_2	0.8995	1.0000
$\eta /(\text{mPa s})$	0.5919	0.6133

2206	C₆H₆ (1) C₇H₉N (2)	benzene 2,6-dimethyl-pyridine								71-43-2 108-48-5
<i>T</i> /K = 303.15										
<i>x</i> ₂	0.0000	0.0985	0.1989	0.2996	0.3945	0.5025	0.5994	0.6976	0.8006	
<i>η</i> /(mPa s)	0.5556	0.5677	0.5800	0.6070	0.6191	0.6385	0.6614	0.6823	0.7108	
<i>x</i> ₂	0.9013	1.0000								
<i>η</i> /(mPa s)	0.7403	0.7635								
<i>T</i> /K = 313.15										
<i>x</i> ₂	0.0000	0.0985	0.1989	0.2996	0.3945	0.5025	0.5994	0.6976	0.8006	
<i>η</i> /(mPa s)	0.4926	0.5010	0.5140	0.5301	0.5472	0.5654	0.5824	0.6012	0.6267	
<i>x</i> ₂	0.9013	1.0000								
<i>η</i> /(mPa s)	0.6480	0.6811								
<i>T</i> /K = 323.15										
<i>x</i> ₂	0.0000	0.0985	0.1989	0.2996	0.3945	0.5025	0.5994	0.6976	0.8006	
<i>η</i> /(mPa s)	0.4346	0.4471	0.4595	0.4735	0.4858	0.5011	0.5177	0.5355	0.5569	
<i>x</i> ₂	0.9013	1.0000								
<i>η</i> /(mPa s)	0.5778	0.6095								
2207	C₆H₆ (1) C₇H₉N (2)	benzene N-methyl-aniline								71-43-2 100-61-8
<i>T</i> /°C = 25.0										
<i>x</i> ₁	0.000	0.069	0.110	0.170	0.264	0.376	0.387	0.428	0.513	
<i>η</i> /(mPa s)	2.020	1.851	1.728	1.601	1.433	1.226	1.202	1.156	1.055	
<i>x</i> ₁	0.582	0.6975	0.802	0.852	0.930	1.000				
<i>η</i> /(mPa s)	0.966	0.842	0.747	0.710	0.656	0.604				
2208	C₆H₆ (1) C₇H₁₄O (2)	benzene 2-methyl-cyclohexanol								71-43-2 583-59-5
<i>T</i> /°C = 20.0										
<i>x</i> ₂	0.0000	0.2000	0.2500	0.3333	0.4000	0.5000	0.6666	1.0000		
<i>η</i> / <i>η</i> _{water}	0.64	1.0	1.1	1.3	1.5	1.8	3.2	21.7		
2209	C₆H₆ (1) C₇H₁₄O (2)	benzene 3-methyl-cyclohexanol								71-43-2 591-23-1
<i>T</i> /°C = 20.0										
<i>x</i> ₂	0.0000	0.2000	0.2500	0.3333	0.4000	0.5000	0.6666	1.0000		
<i>η</i> / <i>η</i> _{water}	0.64	1.1	1.2	1.5	1.6	2.1	4.2	22.8		

2210	C₆H₆ (1) C₇H₁₄O (2)	benzene 4-methyl-cyclohexanol								71-43-2 589-91-3
$T/^\circ\text{C} = 20.0$										
x_2	0.0000	0.2000	0.2500	0.3333	0.4000	0.5000	0.6666	1.0000		
η/η_{water}	0.64	1.3	1.4	1.6	1.8	2.4	5.3	30.4	24W3	
2211	C₆H₆ (1) C₇H₁₄O₂ (2)	benzene heptanoic acid								71-43-2 111-14-8
$T/^\circ\text{C} = 25.0$										
w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00	
$\eta/(\text{mPa s})$	0.603	0.631	0.666	0.752	0.990	1.168	1.490	2.300	3.784	
2212	C₆H₆ (1) C₇H₁₅N (2)	benzene N-methyl-cyclohexylamine								71-43-2 100-60-7
$T/\text{K} = 303.15$										
x_2	0.0000	0.1089	0.1745	0.4079	0.4530	0.6119	0.7052	0.7588	0.8533	
$\eta/(\text{mPa s})$	0.5685	0.6701	0.7306	0.9349	0.9711	1.0811	1.1336	1.1584	1.1916	
x_2	1.0000									
$\eta/(\text{mPa s})$	1.2167									
2213	C₆H₆ (1) C₇H₁₆ (2)	benzene heptane								71-43-2 142-82-5
$T/\text{K} = 303.15$										
x_1	0.0000	0.1516	0.2972	0.4136	0.5250	0.6149	0.7107	0.7940	0.8688	
$\eta/(\text{mPa s})$	0.388	0.395	0.400	0.409	0.423	0.437	0.455	0.477	0.505	
x_1	0.9371	1.0000								
$\eta/(\text{mPa s})$	0.537	0.576								
$T/^\circ\text{C} = 25.0$										
x_2	0.0000	0.0950	0.1973	0.2999	0.3741	0.3984	0.4961	0.5995	0.6762	
$\eta/(\text{mPa s})$	0.605	0.532	0.485	0.455	0.439	0.431	0.414	0.403	0.397	
x_2	0.7309	0.7987	0.8933	1.0000						
$\eta/(\text{mPa s})$	0.395	0.391	0.389	0.387						
$T/^\circ\text{C} = 24.7$										
x_1	0.0000	0.1007	0.1109	0.1922	0.2760	0.2915	0.3953	0.4839	0.5204	
$\eta/(\text{mPa s})$	0.3976	0.3923	0.3913	0.4003	0.4019	0.4023	0.4142	0.4157	0.4382	
x_1	0.6729	0.6967	0.8532	0.9152	1.0000					
$\eta/(\text{mPa s})$	0.4487	0.4544	0.5208	0.5442	0.6119					

Tables are given in Ref. 75B1 for pressures up to 50 MPa and temperatures between 22 and 250 °C.

									75B1
$T/^\circ\text{C} = 20.0$									70K1
x_1	0.000	0.208	0.250	0.464	0.486	0.597	0.662	0.796	0.837
$\eta/(\text{mPa s})$	0.417	0.419	0.418	0.430	0.432	0.441	0.454	0.505	0.536
x_1	1.000								
$\eta/(\text{mPa s})$	0.649								
$T/^\circ\text{C} = 40.0$									70K1
x_1	0.000	0.208	0.250	0.464	0.486	0.597	0.662	0.796	0.837
$\eta/(\text{mPa s})$	0.337	0.341	0.342	0.355	0.355	0.366	0.373	0.400	0.411
x_1	1.000								
$\eta/(\text{mPa s})$	0.491								
$T/^\circ\text{C} = 60.0$									70K1
x_1	0.000	0.208	0.250	0.464	0.486	0.597	0.662	0.796	0.837
$\eta/(\text{mPa s})$	0.283	0.289	0.289	0.297	0.300	0.306	0.312	0.331	0.340
x_1	1.000								
$\eta/(\text{mPa s})$	0.389								
$T/^\circ\text{C} = 25.0$									69M1
x_2	0.0000	0.1025	0.2002	0.2919	0.4003	0.5192	0.6209	0.7084	0.7893
$\eta/(\text{mPa s})$	0.601	0.530	0.491	0.460	0.429	0.410	0.401	0.392	0.388
x_2	0.9165	1.0000							
$\eta/(\text{mPa s})$	0.386	0.390							
$T/^\circ\text{C} = 35.0$									69M1
x_2	0.0000	0.1025	0.2002	0.2919	0.4003	0.5192	0.6209	0.7084	0.7893
$\eta/(\text{mPa s})$	0.522	0.470	0.440	0.412	0.388	0.370	0.360	0.355	0.351
x_2	0.9165	1.0000							
$\eta/(\text{mPa s})$	0.349	0.355							
$T/^\circ\text{C} = 45.0$									69M1
x_2	0.0000	0.1025	0.2002	0.2919	0.4003	0.5192	0.6209	0.7084	0.7893
$\eta/(\text{mPa s})$	0.460	0.420	0.396	0.371	0.352	0.338	0.330	0.325	0.319
x_2	0.9165	1.0000							
$\eta/(\text{mPa s})$	0.318	0.326							
$x_2 = 0.50$									49T1
T/K	298.0	318.0	335.8						
$\eta/(\text{mPa s})$	0.4167	0.3407	0.2850						
2214	C₆H₆ (1)	benzene							
	C₈H₈O (2)	1-phenyl-ethanone							
									71-43-2 98-86-2

$T/^\circ\text{C} = 18.0$									14B1
w_2	0.0000	0.2183	0.3523	0.5526	0.7150	0.8726	1.0000		
$\eta/(\text{mPa s})$	0.686	0.840	0.881	1.138	1.376	1.644	1.992		
2215	C₆H₆ (1)		benzene						71-43-2
	C₈H₁₀ (2)		1,2-dimethyl-benzene						95-47-6
$T/\text{K} = 303.15$									97S3
x_1	0.000	0.100	0.200	0.400	0.600	0.802	0.902	1.000	
$\eta/(\text{mPa s})$	0.757	0.657	0.665	0.693	0.652	0.645	0.670	0.630	
$T/\text{K} = 308.15$									97S3
x_1	0.000	0.100	0.200	0.400	0.600	0.802	0.902	1.000	
$\eta/(\text{mPa s})$	0.725	0.622	0.631	0.668	0.623	0.610	0.641	0.604	
$T/\text{K} = 313.15$									97S3
x_1	0.000	0.100	0.200	0.400	0.600	0.802	0.902	1.000	
$\eta/(\text{mPa s})$	0.702	0.594	0.597	0.599	0.592	0.577	0.623	0.598	
$T/\text{K} = 318.15$									97S3
x_1	0.000	0.100	0.200	0.400	0.600	0.802	0.902	1.000	
$\eta/(\text{mPa s})$	0.682	0.572	0.573	0.574	0.550	0.552	0.587	0.553	
$x_2 = 0.0000$									55M1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0		
$\eta/(\text{mPa s})$	0.757	0.649	0.561	0.490	0.435	0.390	0.346		
$x_2 = 0.1486$									55M1
$T/^\circ\text{C}$	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0
$\eta/(\text{mPa s})$	0.879	0.757	0.658	0.575	0.506	0.474	0.406	0.368	0.340
$x_2 = 0.2905$									55M1
$T/^\circ\text{C}$	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0
$\eta/(\text{mPa s})$	0.892	0.762	0.669	0.585	0.517	0.461	0.415	0.377	0.350
$x_2 = 0.4062$									55M1
$T/^\circ\text{C}$	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0
$\eta/(\text{mPa s})$	0.907	0.790	0.685	0.601	0.531	0.474	0.428	0.389	0.363
$x_2 = 0.5871$									55M1
$T/^\circ\text{C}$	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0
$\eta/(\text{mPa s})$	0.933	0.810	0.710	0.625	0.554	0.493	0.447	0.405	0.379
$x_2 = 0.7886$									55M1
$T/^\circ\text{C}$	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0
$\eta/(\text{mPa s})$	0.984	0.848	0.749	0.657	0.583	0.519	0.469	0.427	0.396
$x_2 = 1.0000$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	

η /(mPa s)	1.451	1.237	1.104	0.932	0.806	0.709	0.625	0.558
T /°C	60.0	70.0	80.0					
η /(mPa s)	0.502	0.457	0.418					

 T /K = 298.15

90C1

x_1	0.0000	0.0948	0.3681	0.5133	0.6245	0.8369	1.0000	
ν /(mm ² /s)	0.8542	0.8311	0.7712	0.7449	0.7240	0.6998	0.6844	

2216 **C₆H₆ (1)** **benzene** **71-43-2**
 C₈H₁₀ (2) **1,3-dimethyl-benzene** **108-38-3**

 T /K = 303.15

89R9

x_2	0.0000	0.0977	0.2098	0.2979	0.4028	0.5018	0.5981	0.7046	0.8007
η /(mPa s)	0.5554	0.5478	0.5424	0.5393	0.5373	0.5342	0.5374	0.5360	0.5395
x_2	0.8980	1.0000							
η /(mPa s)	0.5417	0.5456							

 T /K = 313.15

89R9

x_2	0.0000	0.0977	0.2098	0.2979	0.4028	0.5018	0.5981	0.7046	0.8007
η /(mPa s)	0.4926	0.4793	0.4781	0.4769	0.4767	0.4789	0.4796	0.4818	0.4843
x_2	0.8980	1.0000							
η /(mPa s)	0.4875	0.4931							

 T /K = 323.15

89R9

x_2	0.0000	0.0977	0.2098	0.2979	0.4028	0.5018	0.5981	0.7046	0.8007
η /(mPa s)	0.4344	0.4302	0.4308	0.4285	0.4291	0.4307	0.4342	0.4361	0.4397
x_2	0.8980	1.0000							
η /(mPa s)	0.4430	0.4487							

2217 **C₆H₆ (1)** **benzene** **71-43-2**
 C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

 T /K = 303.15

89R9

x_2	0.0000	0.1002	0.2018	0.3012	0.3970	0.4983	0.5959	0.7005	0.8019
η /(mPa s)	0.5553	0.5613	0.5603	0.5605	0.5611	0.5617	0.5628	0.5641	0.5666
x_2	0.8988	1.0000							
η /(mPa s)	0.5684	0.5760							

 T /K = 313.15

89R9

x_2	0.0000	0.1002	0.2018	0.3012	0.3970	0.4983	0.5959	0.7005	0.8019
η /(mPa s)	0.4927	0.4975	0.4982	0.4993	0.5020	0.5024	0.5039	0.5071	0.5090
x_2	0.8988	1.0000							
η /(mPa s)	0.5122	0.5157							

 T /K = 323.15

89R9

x_2	0.0000	0.1002	0.2018	0.3012	0.3970	0.4983	0.5959	0.7005	0.8019
η /(mPa s)	0.4346	0.4435	0.4443	0.4462	0.4502	0.4513	0.4527	0.4554	0.4585
x_2	0.8988	1.0000							
η /(mPa s)	0.4596	0.4647							
T /K = 318.15									87M1
x_1	0.0000	0.1977	0.3756	0.5821	0.7212	0.8882	1.0000		
η /(mPa s)	0.49188	0.48564	0.47750	0.47391	0.47199	0.47179	0.47653		
T /K = 298.15									87A3
x_1	0.0000	0.2099	0.3766	0.5839	0.7205	0.8802	1.0000		
η /(mPa s)	0.615	0.603	0.596	0.596	0.596	0.599	0.601		
$x_2 = 0.0000$									55M1
T /°C	10.0	20.0	30.0	40.0	50.0	60.0	70.0		
η /(mPa s)	0.757	0.649	0.561	0.490	0.435	0.390	0.346		
$x_2 = 0.1793$									55M1
T /°C	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	
η /(mPa s)	0.722	0.628	0.553	0.485	0.435	0.387	0.351	0.318	
$x_2 = 0.2607$									55M1
T /°C	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	
η /(mPa s)	0.715	0.627	0.550	0.490	0.442	0.392	0.359	0.336	
$x_2 = 0.5800$									55M1
T /°C	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	
η /(mPa s)	0.720	0.623	0.550	0.493	0.447	0.398	0.365	0.345	
$x_2 = 0.7798$									55M1
T /°C	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	
η /(mPa s)	0.719	0.631	0.557	0.497	0.450	0.400	0.369	0.351	
$x_2 = 1.0000$									55M1
T /°C	20.0	30.0	40.0	50.0	60.0	70.0	80.0		
η /(mPa s)	0.650	0.573	0.516	0.465	0.417	0.379	0.355		
T /K = 298.15									90C1
x_1	0.0000	0.1804	0.3680	0.5082	0.6195	0.8068	1.0000		
ν /(mm ² /s)	0.6975	0.6926	0.6878	0.6847	0.6825	0.6810	0.6844		
2218	C₆H₆ (1) C₈H₁₀ (2)		benzene ethylbenzene						71-43-2 100-41-4
T /°C = 25.0									56A1
x_1	0.0000	0.1450	0.2147	0.2942	0.4187	0.4944	0.5926	0.6887	0.7786
η /(mPa s)	0.6283	0.6185	0.6165	0.6156	0.6078	0.6057	0.6038	0.6029	0.6012

x_1	0.8938	0.9568	1.0000						
$\eta /(\text{mPa s})$	0.6006	0.6008	0.6029						
$T / ^\circ\text{C} = 45.0$									56A1
x_1	0.0000	0.1450	0.2147	0.2942	0.4187	0.4944	0.5926	0.6887	0.7786
$\eta /(\text{mPa s})$	0.5038	0.4939	0.4912	0.4912	0.4812	0.4774	0.4737	0.4690	0.4657
x_1	0.8938	0.9568	1.0000						
$\eta /(\text{mPa s})$	0.4621	0.4607	0.4600						
$T / ^\circ\text{C} = 65.0$									56A1
x_1	0.0000	0.1450	0.2147	0.2942	0.4187	0.4944	0.5926	0.6887	0.7786
$\eta /(\text{mPa s})$	0.4128	0.4042	0.4014	0.3988	0.3920	0.3892	0.3842	0.3821	0.3761
x_1	0.8938	0.9568	1.0000						
$\eta /(\text{mPa s})$	0.3697	0.3661	0.3645						
$T / ^\circ\text{C} = 25.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
$\eta /(\text{mPa s})$	0.602	0.599	0.601	0.603	0.607	0.608	0.616	0.625	
$T / ^\circ\text{C} = 35.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
$\eta /(\text{mPa s})$	0.527	0.528	0.530	0.535	0.538	0.542	0.551	0.560	
$T / ^\circ\text{C} = 45.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
$\eta /(\text{mPa s})$	0.464	0.468	0.471	0.477	0.481	0.484	0.492	0.502	
$T / ^\circ\text{C} = 50.0$									58L2
x_2	0.0	0.1	0.2	0.4	0.5	0.6	0.8	1.0	
$\eta /(\text{mPa s})$	0.436	0.440	0.443	0.449	0.453	0.456	0.466	0.474	
$x_2 = 0.0000$									55M1
$T / ^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0		
$\eta /(\text{mPa s})$	0.757	0.649	0.561	0.490	0.435	0.390	0.346		
$x_2 = 0.1392$									55M1
$T / ^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0			
$\eta /(\text{mPa s})$	0.640	0.561	0.493	0.440	0.396	0.360			
$x_2 = 0.2876$									55M1
$T / ^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0			
$\eta /(\text{mPa s})$	0.635	0.560	0.498	0.443	0.400	0.365			
$x_2 = 0.4573$									55M1
$T / ^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0			
$\eta /(\text{mPa s})$	0.644	0.568	0.506	0.453	0.412	0.372			
$x_2 = 0.5293$									55M1
$T / ^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0			
$\eta /(\text{mPa s})$	0.646	0.570	0.508	0.456	0.415	0.377			

$x_2 = 0.7677$										55M1
$T/^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0				
$\eta/(\text{mPa s})$	0.657	0.583	0.521	0.469	0.427	0.389				
$x_2 = 1.0000$										55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0		
$\eta/(\text{mPa s})$	1.174	1.024	0.876	0.759	0.673	0.598	0.532	0.483		
$T/^\circ\text{C}$	60.0	70.0	80.0							
$\eta/(\text{mPa s})$	0.437	0.387	0.364							
2219	C₆H₆ (1)		benzene							71-43-2
	C₈H₁₀O₂ (2)		1,2-dimethoxy-benzene							91-16-7
$T/^\circ\text{C} = 17.0$										25W1
x_1	0.20	0.33	0.50	0.66	0.80					
η/η_{water}	2.4	1.8	1.4	0.9	0.7					
2220	C₆H₆ (1)		benzene							71-43-2
	C₈H₁₁N (2)		N,N-dimethyl-aniline							121-69-7
$T/^\circ\text{C} = 25.0$										89S3
x_2	0.0000	0.1325	0.1486	0.1500	0.2149	0.2367	0.2847	0.3463	0.4296	
$\eta/(\text{mPa s})$	0.616	0.681	0.689	0.691	0.725	0.737	0.771	0.794	0.844	
x_2	0.4702	0.5014	0.5830	0.6088	0.6738	0.7964	0.8630	1.0000		
$\eta/(\text{mPa s})$	0.871	0.900	0.950	0.966	1.012	1.104	1.360	1.274		
$T/^\circ\text{C} = 35.0$										89S3
x_2	0.0000	0.1325	0.1486	0.1500	0.2149	0.2367	0.2847	0.3463	0.4296	
$\eta/(\text{mPa s})$	0.537	0.591	0.598	0.600	0.628	0.638	0.664	0.687	0.730	
x_2	0.4702	0.5014	0.5830	0.6738	0.7964	0.8630	1.0000			
$\eta/(\text{mPa s})$	0.753	0.773	0.814	0.867	0.942	0.990	1.079			
$T/^\circ\text{C} = 45.0$										89S3
x_2	0.0000	0.1325	0.1486	0.1500	0.2149	0.2367	0.2847	0.3463	0.4296	
$\eta/(\text{mPa s})$	0.470	0.517	0.522	0.523	0.548	0.554	0.580	0.600	0.631	
x_2	0.4702	0.5014	0.5830	0.6088	0.6738	0.7964	0.8630	1.0000		
$\eta/(\text{mPa s})$	0.649	0.670	0.702	0.716	0.746	0.807	0.845	0.921		
$x_1 = 0.0000$										57D1
$T/^\circ\text{C}$	10.0	15.0	20.0	25.0	30.0	40.0	50.0			
$\eta/(\text{mPa s})$	1.6744	1.5200	1.3900	1.2650	1.1749	0.9833	0.8278			
$x_1 = 0.1993$										57D1
$T/^\circ\text{C}$	10.0	15.0	20.0	25.0	30.0	40.0	50.0			
$\eta/(\text{mPa s})$	1.3883	1.2539	1.1774	1.0642	0.9894	0.8579	0.7269			

$x_1 = 0.4780$								57D1
$T/^\circ\text{C}$	10.0	15.0	20.0	25.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.0975	0.9786	0.9278	0.8510	0.7927	0.6790	0.5985	
$x_1 = 0.7312$								57D1
$T/^\circ\text{C}$	10.0	15.0	20.0	25.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	0.9219	0.8202	0.7820	0.7090	0.6720	0.5782	0.5132	
$T/^\circ\text{C} = 25.0$								40U2
x_2	0.00	0.25	0.50	0.75	1.00			
$\eta/(\text{mPa s})$	0.6025	0.7863	0.9062	1.0871	1.2878			
2221	C₆H₆ (1) C₈H₁₁N (2)	benzene 2,4,6-trimethyl-pyridine					71-43-2 108-75-8	
$T/\text{K} = 303.15$								89R9
x_2	0.0000	0.1113	0.2014	0.2984	0.4014	0.4994	0.5995	0.7037
$\eta/(\text{mPa s})$	0.5551	0.5604	0.5834	0.6017	0.6298	0.6583	0.6932	0.7208
x_2	0.8994	1.0000						
$\eta/(\text{mPa s})$	0.7786	0.8100						
$T/\text{K} = 313.15$								89R9
x_2	0.0000	0.1113	0.2014	0.2984	0.4014	0.4994	0.5995	0.7037
$\eta/(\text{mPa s})$	0.4923	0.4968	0.5080	0.5311	0.5538	0.5799	0.6004	0.6272
x_2	0.8994	1.0000						
$\eta/(\text{mPa s})$	0.6805	0.7123						
$T/\text{K} = 323.15$								89R9
x_2	0.0000	0.1113	0.2014	0.2984	0.4014	0.4994	0.5995	0.7037
$\eta/(\text{mPa s})$	0.4354	0.4437	0.4603	0.4758	0.4930	0.5152	0.5366	0.5551
x_2	0.8994	1.0000						
$\eta/(\text{mPa s})$	0.6013	0.6249						
2222	C₆H₆ (1) C₈H₁₄O₃ (2)	benzene 2-ethyl-3-oxo-butyric acid ethyl ester					71-43-2 607-97-6	
$T/^\circ\text{C} = 25.0$								09D1
x_2	0.0000	0.1775	0.2498	0.3613	1.0000			
$\eta/(\text{mPa s})$	0.6145	0.6711	0.7076	0.7725	1.667			
2223	C₆H₆ (1) C₈H₁₆ (2)	benzene 1,2-dimethyl-cyclohexane (mixture of <i>cis</i> and <i>trans</i>)					71-43-2 583-57-3	
$T/\text{K} = 298.15$								90C1
x_1	0.0000	0.1936	0.3928	0.4919	0.6481	0.8352	1.0000	

$\nu /(\text{mm}^2/\text{s})$	1.154	0.9757	0.8452	0.7957	0.7358	0.6921	0.6844		
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2224	C₆H₆ (1) C₈H₁₆O₂ (2)	benzene octanoic acid							71-43-2 124-07-2
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$T/^\circ\text{C} = 25.0$									48J1
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w_2	0.00	0.05	0.10	0.20	0.40	0.50	0.60	0.80	1.00
$\eta /(\text{mPa s})$	0.603	0.638	0.680	0.781	1.072	1.295	1.501	2.505	5.160

2225	C₆H₆ (1) C₈H₁₈ (2)	benzene octane							71-43-2 111-65-9
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$T/\text{K} = 303.15$									90R1
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x_1	0.0000	0.1692	0.3120	0.4407	0.5472	0.6435	0.7309	0.8113	0.8802
$\eta /(\text{mPa s})$	0.496	0.482	0.479	0.482	0.484	0.488	0.497	0.512	0.528

x_1	0.9426	1.0000							
$\eta /(\text{mPa s})$	0.548	0.576							

$T/\text{K} = 298.15$									86A3
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x_2	0.00000	0.04472	0.09184	0.17152	0.29540	0.40878	0.49074	0.58551	
$\eta /(\text{mPa s})$	0.6108	0.5829	0.5595	0.5352	0.5061	0.4934	0.4904	0.4924	

x_2	0.73898	0.92796	1.00000						
$\eta /(\text{mPa s})$	0.4929	0.5124	0.5194						

x_1	0.2539	0.2539	0.2536	0.2533	0.2527	0.2518	0.2503	0.2482	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
$\eta /(\text{mPa s})$	0.5838	0.5491	0.4863	0.4132	0.3383	0.2825	0.2394	0.2051	

x_1	0.5041	0.5041	0.5037	0.5034	0.5027	0.5016	0.4999	0.4975	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
$\eta /(\text{mPa s})$	0.5773	0.5414	0.4803	0.4068	0.3335	0.2786	0.2363	0.2044	

x_1	0.6746	0.6746	0.6743	0.6741	0.6735	0.6726	0.6713	0.6694	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
$\eta /(\text{mPa s})$	0.5938	0.5567	0.4917	0.4151	0.3393	0.2823	0.2390	0.2062	

x_1	0.8255	0.8255	0.8253	0.8252	0.8249	0.8243	0.8236	0.8224	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
$\eta /(\text{mPa s})$	0.6357	0.5941	0.5207	0.4359	0.3527	0.2923	0.2458	0.2105	

x_1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
$\eta /(\text{mPa s})$	0.7620	0.6998	0.6021	0.4921	0.3894	0.3174	0.2644	0.2263	

(at saturation vapor pressure)

2226	C₆H₆ (1) C₈H₁₈ (2)	benzene 2,2,4-trimethyl-pentane							71-43-2 540-84-1
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$T/^\circ\text{C} = 20.0$									75M2
x_1	0.0000	0.0234	0.0708	0.1495	0.2508	0.4002	0.4986	0.6009	0.6992
$\nu/(\text{mm}^2/\text{s})$	0.726	0.719	0.701	0.686	0.670	0.641	0.634	0.624	0.630
x_1	0.7912	0.8651	0.9407	1.0000					
$\nu/(\text{mm}^2/\text{s})$	0.637	0.665	0.693	0.736					
$T/^\circ\text{C} = 25.0$									75M2
x_1	0.0000	0.0234	0.0708	0.1495	0.2508	0.4002	0.4986	0.6009	0.6992
$\nu/(\text{mm}^2/\text{s})$	0.687	0.675	0.667	0.651	0.629	0.617	0.610	0.608	0.599
x_1	0.7912	0.8651	0.9407	1.0000					
$\nu/(\text{mm}^2/\text{s})$	0.600	0.611	0.630	0.690					
2227	C₆H₆ (1) C₈H₁₉N (2)		benzene octylamine						71-43-2 111-86-4
$T/\text{K} = 303.15$									92O2
x_1	0.0000	0.1044	0.3007	0.4980	0.5970	0.6967	0.7998	0.8990	1.0000
$\eta/(\text{mPa s})$	1.1687	1.0990	0.9459	0.7915	0.7318	0.6798	0.6239	0.5891	0.5621
2228	C₆H₆ (1) C₈H₂₄O₄Si₄ (2)		benzene octamethyl-cyclotetrasiloxane						71-43-2 556-67-2
$T/^\circ\text{C} = 18.0$									68M1
x_2	0.0000	0.0881	0.3511	0.5997	0.7738	0.8529	0.9369	1.0000	
$\eta/(\text{mPa s})$	0.6703	0.7346	1.059	1.493	1.885	2.091	2.328	2.520	
$T/^\circ\text{C} = 25.0$									68M1
x_2	0.0000	0.0341	0.0699	0.1407	0.2235	0.2938	0.3751	0.4689	0.6211
$\eta/(\text{mPa s})$	0.6024	0.6224	0.6486	0.7099	0.7944	0.8750	0.9814	1.113	1.363
x_2	0.6777	0.7510	0.8434	0.8753	0.9028	0.9291	1.0000		
$\eta/(\text{mPa s})$	1.466	1.608	1.804	1.880	1.939	2.010	2.190		
$T/^\circ\text{C} = 35.0$									68M1
x_2	0.0000	0.0886	0.3517	0.6020	0.7741	0.8544	0.9373	1.0000	
$\eta/(\text{mPa s})$	0.5235	0.5768	0.818	1.127	1.390	1.527	1.682	1.806	
$T/^\circ\text{C} = 45.0$									68M1
x_2	0.0000	0.0888	0.3526	0.6036	0.7763	0.8562	0.9134	1.0000	
$\eta/(\text{mPa s})$	0.4603	0.507	0.714	0.971	1.186	1.298	1.393	1.514	
2229	C₆H₆ (1) C₉H₇N (2)		benzene quinoline						71-43-2 91-22-5
$T/\text{K} = 303.15$									94K2
x_2	0.0000	0.0760	0.1592	0.2450	0.3355	0.4309	0.5318	0.6386	0.7518

η /(mPa s)	0.562	0.642	0.744	0.879	1.032	1.206	1.431	1.738	2.113
x_2	0.8720	1.0000							
η /(mPa s)	2.539	3.008							
2230	C₆H₆ (1) C₉H₁₀O₂ (2)		benzene benzoic acid ethyl ester						71-43-2 93-89-0
$T/^\circ\text{C} = 25.0$									17K1
w_2	0.0000	0.2235	0.5419	0.6774	0.7514	0.8586	0.9147	1.0000	
η /(mPa s)	0.6051	0.7244	1.018	1.200	1.327	1.557	1.709	1.991	
2231	C₆H₆ (1) C₉H₁₂ (2)		benzene isopropylbenzene						71-43-2 98-82-8
$x_2 = 0.0000$									55M1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0		
η /(mPa s)	0.757	0.649	0.561	0.490	0.435	0.390	0.346		
$x_2 = 0.0943$									55M1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0		
η /(mPa s)	0.756	0.653	0.563	0.496	0.441	0.397	0.359		
$x_2 = 0.2824$									55M1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0		
η /(mPa s)	0.766	0.660	0.575	0.512	0.454	0.408	0.371		
$x_2 = 0.4111$									55M1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0		
η /(mPa s)	0.802	0.693	0.607	0.537	0.479	0.432	0.392		
$x_2 = 0.6272$									55M1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0		
η /(mPa s)	0.833	0.721	0.630	0.560	0.499	0.451	0.410		
$x_2 = 1.0000$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
η /(mPa s)	1.404	1.210	1.031	0.900	0.787	0.690	0.612	0.546	
$T/^\circ\text{C}$	60.0	70.0	80.0						
η /(mPa s)	0.493	0.447	0.407						
2232	C₆H₆ (1) C₉H₁₂ (2)		benzene 1,3,5-trimethyl-benzene						71-43-2 108-67-8
$T/\text{K} = 303.15$									89R9
x_2	0.0000	0.0992	0.1997	0.3013	0.4024	0.5040	0.5997	0.7035	0.7997
η /(mPa s)	0.5553	0.5455	0.5407	0.5421	0.5460	0.5511	0.5579	0.5714	0.5833

x_2	0.9018	1.0000							
$\eta /(\text{mPa s})$	0.5960	0.6123							
$T/\text{K} = 313.15$									89R9
x_2	0.0000	0.0992	0.1997	0.3013	0.4024	0.5040	0.5997	0.7035	0.7997
$\eta /(\text{mPa s})$	0.4925	0.4826	0.4807	0.4822	0.4861	0.4905	0.4999	0.5097	0.5201
x_2	0.9018	1.0000							
$\eta /(\text{mPa s})$	0.5336	0.5482							
$T/\text{K} = 323.15$									89R9
x_2	0.0000	0.0992	0.1997	0.3013	0.4024	0.5040	0.5997	0.7035	0.7997
$\eta /(\text{mPa s})$	0.4354	0.4308	0.4229	0.4325	0.4374	0.4390	0.4507	0.4587	0.4681
x_2	0.9018	1.0000							
$\eta /(\text{mPa s})$	0.4791	0.4910							
2233	C₆H₆ (1) C₉H₂₀ (2)		benzene nonane						71-43-2 111-84-2
$T/\text{K} = 303.15$									90R1
x_1	0.0000	0.1828	0.3307	0.4635	0.5732	0.6682	0.7499	0.8244	0.8886
$\eta /(\text{mPa s})$	0.639	0.612	0.582	0.557	0.544	0.539	0.540	0.546	0.556
x_1	0.9473	1.0000							
$\eta /(\text{mPa s})$	0.564	0.576							
2234	C₆H₆ (1) C₉H₂₁N (2)		benzene tripropylamine						71-43-2 102-69-2
$T/\text{K} = 303.15$									85O1
x_2	0.0000	0.0465	0.1674	0.2442	0.4165	0.5215	0.8233	1.0000	
$\eta /(\text{mPa s})$	0.562	0.538	0.512	0.508	0.511	0.519	0.559	0.595	
2235	C₆H₆ (1) C₁₀H₇Cl (2)		benzene 1-chloro-naphthalene						71-43-2 90-13-1
$T/\text{K} = 298.15$									99A2
x_2	0.0000	0.0989	0.2022	0.3275	0.3981	0.5035	0.5982	0.7022	0.7973
$\eta /(\text{mPa s})$	0.552	0.655	0.792	0.960	1.078	1.294	1.475	1.731	2.022
x_2	0.8976	1.0000							
$\eta /(\text{mPa s})$	2.380	2.783							
$T/\text{K} = 303.15$									99A2
x_2	0.0000	0.0989	0.2022	0.3275	0.3981	0.5035	0.5982	0.7022	0.7973
$\eta /(\text{mPa s})$	0.518	0.609	0.727	0.903	0.994	1.188	1.349	1.586	1.833
x_2	0.8976	1.0000							
$\eta /(\text{mPa s})$	2.126	2.502							

$T/K = 308.15$

99A2

x_2	0.0000	0.0989	0.2022	0.3275	0.3981	0.5035	0.5982	0.7022	0.7973
$\eta /(\text{mPa s})$	0.493	0.571	0.679	0.843	0.922	1.098	1.242	1.452	1.669
x_2	0.8976	1.0000							
$\eta /(\text{mPa s})$	1.928	2.259							

(impurity of 1-chloronaphthalene is 9.94 mol% 2-chloronaphthalene)

2236 **C₆H₆ (1)** **benzene** **71-43-2**
 C₁₀H₈ (2) **naphthalene** **91-20-3**

 $T/^\circ\text{C} = 79.5$

41C1

w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.321	0.347	0.385	0.412	0.462	0.520	0.590	0.662	0.765
w_2	0.90								
$\eta /(\text{mPa s})$	0.837								

2237 **C₆H₆ (1)** **benzene** **71-43-2**
 C₁₀H₁₂ (2) **1,2,3,4-tetrahydro-naphthalene** **119-64-2**

 $T/^\circ\text{C} = 25.0$

33M1

x_2	0.0000	0.1394	0.3016	0.4928	0.7290	1.0000
$\eta /(\text{mPa s})$	0.6075	0.7190	0.8758	1.098	1.445	1.985

2238 **C₆H₆ (1)** **benzene** **71-43-2**
 C₁₀H₁₅N (2) **N,N-diethyl-aniline** **91-66-7**

 $T/^\circ\text{C} = 25.0$

40U2

x_2	0.00	0.25	0.50	0.75	1.00
$\eta /(\text{mPa s})$	0.6025	0.8124	1.1085	1.4457	1.9274

2239 **C₆H₆ (1)** **benzene** **71-43-2**
 C₁₀H₁₈ (2) **decahydro-naphthalene** **91-17-8**

 $T/^\circ\text{C} = 25.0$

67D2

x_1	0.00	0.25	0.50	0.632	1.0
$\eta /(\text{mPa s})$	2.16	1.48	1.05	0.884	0.601

2240 **C₆H₆ (1)** **benzene** **71-43-2**
 C₁₀H₁₈O₃ (2) **2,2-diethyl-3-oxo-butyrac acid ethyl ester** **1619-57-4**

 $T/^\circ\text{C} = 25.0$

09D1

x_2	0.0000	0.0365	0.1416	0.4932	0.6819	1.0000
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η /(mPa s)	0.6145	0.6240	0.6817	0.9876	1.321	2.793
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2241	C₆H₆ (1)		benzene						71-43-2
	C₁₀H₂₂ (2)		decane						124-18-5

$T/K = 298.15$									86A3
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x_2	0.00000	0.03584	0.10038	0.20129	0.29022	0.39880	0.49997	0.59432	
η /(mPa s)	0.6108	0.6003	0.5986	0.6012	0.6130	0.6372	0.6648	0.6949	

x_2	0.70210	0.83527	0.91651	1.00000					
η /(mPa s)	0.7313	0.7784	0.8085	0.8391					

x_1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	1.076	0.9906	0.8511	0.6912	0.5422	0.4391	0.3626	0.3053	

x_1	0.4991	0.4991	0.4986	0.4982	0.4972	0.4956	0.4931	0.4895	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	0.8086	0.7525	0.6561	0.5456	0.4387	0.3617	0.3031	0.2585	

x_1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	0.7620	0.6998	0.6021	0.4921	0.3894	0.3174	0.2644	0.2263	

(at saturation vapor pressure)

$x_2 = 0.50$									49T1
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T/K	298.0	318.0	335.8
η /(mPa s)	0.6712	0.5262	0.4272

$T/K = 298.15$									90C1
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x_1	0.0000	0.0956	0.2047	0.3047	0.3963	0.4955	0.5940	0.6844	0.7964
ν /(mm ² /s)	1.161	1.093	1.021	0.9575	0.9029	0.8481	0.7987	0.7582	0.7158

x_1	0.8995	1.0000
ν /(mm ² /s)	0.6884	0.6844

2242	C₆H₆ (1)		benzene						71-43-2
	C₁₀H₂₃N (2)		decylamine						2016-57-1

$T/K = 303.15$									92O2
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x_1	0.0000	0.2011	0.3988	0.4963	0.5993	0.7973	1.0000
η /(mPa s)	1.7661	1.4636	1.1738	1.0426	0.9230	0.7207	0.5621

2243	C₆H₆ (1)		benzene						71-43-2
	C₁₂H₂₆ (2)		dodecane						112-40-3

$x_2 = 0.0000$									91K3
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$T/^\circ\text{C}$	15.40	25.41	35.51	39.57	49.32	59.72
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η /(mPa s) 0.6145 0.6240 0.6817 0.9876 1.321 2.793

2241 **C₆H₆ (1)** **benzene** **71-43-2**
C₁₀H₂₂ (2) **decane** **124-18-5**

$T/K = 298.15$ 86A3

x_2 0.00000 0.03584 0.10038 0.20129 0.29022 0.39880 0.49997 0.59432
 η /(mPa s) 0.6108 0.6003 0.5986 0.6012 0.6130 0.6372 0.6648 0.6949

x_2 0.70210 0.83527 0.91651 1.00000
 η /(mPa s) 0.7313 0.7784 0.8085 0.8391

x_1 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 81D2
 T/K 283.15 288.15 298.19 313.23 333.36 353.29 373.28 393.2
 η /(mPa s) 1.076 0.9906 0.8511 0.6912 0.5422 0.4391 0.3626 0.3053

x_1 0.4991 0.4991 0.4986 0.4982 0.4972 0.4956 0.4931 0.4895 81D2
 T/K 283.15 288.15 298.19 313.23 333.36 353.29 373.28 393.2
 η /(mPa s) 0.8086 0.7525 0.6561 0.5456 0.4387 0.3617 0.3031 0.2585

x_1 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 81D2
 T/K 283.15 288.15 298.19 313.23 333.36 353.29 373.28 393.2
 η /(mPa s) 0.7620 0.6998 0.6021 0.4921 0.3894 0.3174 0.2644 0.2263

(at saturation vapor pressure)

$x_2 = 0.50$ 49T1

T/K 298.0 318.0 335.8
 η /(mPa s) 0.6712 0.5262 0.4272

$T/K = 298.15$ 90C1

x_1 0.0000 0.0956 0.2047 0.3047 0.3963 0.4955 0.5940 0.6844 0.7964
 v /(mm²/s) 1.161 1.093 1.021 0.9575 0.9029 0.8481 0.7987 0.7582 0.7158

x_1 0.8995 1.0000
 v /(mm²/s) 0.6884 0.6844

2242 **C₆H₆ (1)** **benzene** **71-43-2**
C₁₀H₂₃N (2) **decylamine** **2016-57-1**

$T/K = 303.15$ 92O2

x_1 0.0000 0.2011 0.3988 0.4963 0.5993 0.7973 1.0000
 η /(mPa s) 1.7661 1.4636 1.1738 1.0426 0.9230 0.7207 0.5621

2243 **C₆H₆ (1)** **benzene** **71-43-2**
C₁₂H₂₆ (2) **dodecane** **112-40-3**

$x_2 = 0.0000$ 91K3

$T/^\circ\text{C}$ 15.40 25.41 35.51 39.57 49.32 59.72

η /(mPa s)	0.6942	0.5984	0.5220	0.4948	0.4402	0.3922			
$x_2 = 0.2502$									91K3
$T/^\circ\text{C}$	15.44	25.37	35.36	49.79	67.55				
η /(mPa s)	0.8194	0.7103	0.6242	0.5262	0.4343				
$x_2 = 0.5002$									91K3
$T/^\circ\text{C}$	15.45	25.23	26.34	34.93	49.77	66.95			
η /(mPa s)	1.0245	0.8885	0.8746	0.7750	0.6451	0.5289			
$x_2 = 0.7496$									91K3
$T/^\circ\text{C}$	15.25	15.54	25.61	25.62	25.64	35.57	50.22	68.84	
η /(mPa s)	1.3052	1.2973	1.0965	1.0959	1.0950	0.9482	0.7775	0.6228	
$x_2 = 1.0000$									91K3
$T/^\circ\text{C}$	15.65	25.07	25.24	34.37	34.42	49.45	69.49		
η /(mPa s)	1.6149	1.3528	1.3503	1.1589	1.1590	0.9256	0.7157		
$T/\text{K} = 298.15$									86A3
x_2	0.00000	0.04733	0.10840	0.20364	0.29778	0.41395	0.51924	0.61546	
η /(mPa s)	0.6108	0.6259	0.6476	0.6913	0.7491	0.8308	0.9153	0.9976	
x_2	0.72914	0.80113	0.92306	1.00000					
η /(mPa s)	1.1016	1.1682	1.2912	1.3706					
x_1	0.2509	0.2509	0.2504	0.2500	0.2490	0.2473	0.2446	0.2408	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	1.443	1.317	1.108	0.8848	0.6814	0.5445	0.4460	0.3739	
x_1	0.4994	0.4994	0.4988	0.4983	0.4973	0.4954	0.4925	0.4882	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	1.129	1.040	0.8917	0.7258	0.5703	0.4626	0.3834	0.3243	
x_1	0.7498	0.7498	0.7495	0.7492	0.7485	0.7474	0.7457	0.7431	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	0.8795	0.8143	0.7079	0.5854	0.4668	0.3831	0.3200	0.2725	
x_1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	81D2
T/K	283.15	288.15	298.19	313.23	333.36	353.29	373.28	393.2	
η /(mPa s)	0.7620	0.6998	0.6021	0.4921	0.3894	0.3174	0.2644	0.2263	
<i>(at saturation vapor pressure)</i>									
$x_2 = 0.50$									49T1
T/K	298.0	318.0	335.8						
η /(mPa s)	0.9053	0.6904	0.5494						
2244	C₆H₆ (1)		benzene						71-43-2
	C₁₂H₂₇N (2)		dodecylamine						124-22-1
$T/\text{K} = 303.15$									92O2
x_1	0.0000	0.2072	0.4348	0.5228	0.6046	0.7998	1.0000		

η /(mPa s)	2.6576	2.1219	1.5625	1.3750	1.1891	0.8357	0.5621
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2245	C₆H₆ (1) C₁₂H₂₇N (2)	benzene tributylamine	71-43-2 102-82-9
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$T/K = 303.15$

8501

x_2	0.0000	0.0426	0.1413	0.2041	0.3604	0.4669	0.7546	1.0000
η /(mPa s)	0.562	0.565	0.590	0.624	0.710	0.780	0.987	1.167

2246	C₆H₆ (1) C₁₂H₂₇O₄P (2)	benzene phosphoric acid tributyl ester	71-43-2 126-73-8
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$T/^\circ\text{C} = 30.0$

99S3

x_2	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000
η /(mPa s)	0.630	0.794	0.984	1.385	1.883	2.341	2.582	2.970

$T/^\circ\text{C} = 35.0$

99S3

x_2	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000
η /(mPa s)	0.604	0.748	0.910	1.263	1.712	2.108	2.324	2.680

$T/^\circ\text{C} = 40.0$

99S3

x_2	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000
η /(mPa s)	0.598	0.720	0.865	1.172	1.575	1.927	2.095	2.430

$T/^\circ\text{C} = 45.0$

99S3

x_2	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000
η /(mPa s)	0.553	0.681	0.816	1.118	1.472	1.792	1.963	2.210

$T/^\circ\text{C} = 30.0$

98S3

x_2	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000
η /(mPa s)	0.630	0.794	0.984	1.385	1.883	2.341	2.582	2.970

$T/^\circ\text{C} = 35.0$

98S3

x_2	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000
η /(mPa s)	0.604	0.748	0.910	1.263	1.712	2.108	2.324	2.680

$T/^\circ\text{C} = 40.0$

98S3

x_2	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000
η /(mPa s)	0.598	0.720	0.865	1.172	1.575	1.927	2.095	2.430

$T/^\circ\text{C} = 45.0$

98S3

x_2	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000
η /(mPa s)	0.553	0.681	0.816	1.118	1.472	1.792	1.963	2.210

$T/K = 303.15$

97S3

x_2	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000
η /(mPa s)	0.630	0.794	0.984	1.385	1.883	2.341	2.582	2.970

<i>T</i> /K = 308.15									97S3
<i>x</i> ₂	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000	
η /(mPa s)	0.604	0.748	0.910	1.263	1.712	2.108	2.324	2.680	
<i>T</i> /K = 313.15									97S3
<i>x</i> ₂	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000	
η /(mPa s)	0.598	0.720	0.865	1.172	1.575	1.927	2.095	2.430	
<i>T</i> /K = 318.15									97S3
<i>x</i> ₂	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000	
η /(mPa s)	0.553	0.681	0.816	1.118	1.472	1.792	1.963	2.210	
<i>T</i> /°C = 25.0									94R5
<i>x</i> ₂	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000	
η /(mPa s)	0.643	0.833	0.968	1.495	2.038	2.559	2.829	3.092	
<i>T</i> /°C = 30.0									94R5
<i>x</i> ₂	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000	
η /(mPa s)	0.601	0.785	0.992	1.376	1.874	2.345	2.576	2.816	
<i>T</i> /°C = 35.0									94R5
<i>x</i> ₂	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000	
η /(mPa s)	0.565	0.732	0.901	1.258	1.705	2.098	2.313	2.517	
<i>T</i> /°C = 40.0									94R5
<i>x</i> ₂	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000	
η /(mPa s)	0.533	0.683	0.839	1.164	1.561	1.915	2.105	2.283	
<i>T</i> /°C = 45.0									94R5
<i>x</i> ₂	0.000	0.106	0.200	0.403	0.609	0.805	0.904	1.000	
η /(mPa s)	0.512	0.665	0.807	1.118	1.463	1.783	1.965	2.116	
<i>T</i> /K = 303.15									94D2
<i>x</i> ₂	0.000	0.035	0.076	0.124	0.180	0.248	0.331	0.433	0.569
η /(mPa s)	0.582	0.614	0.725	0.844	0.932	1.031	1.240	1.466	1.779
<i>x</i> ₂	0.748	1.0000							
η /(mPa s)	2.313	2.967							
2247	C₆H₆ (1) C₁₃H₁₂ (2)		benzene diphenylmethane						71-43-2 101-81-5
<i>T</i> /°C = 20.0									58B1
<i>x</i> ₂	0.000	0.113	0.204	0.288	0.523	0.686	0.801	0.893	1.000
η /(mPa s)	0.565	0.733	0.877	1.026	1.502	1.873	2.132	2.342	2.611
<i>T</i> /°C = 25.0									67D2
<i>x</i> ₁	0.00	0.25	0.649	0.908	1.0				
η /(mPa s)	2.55	1.98	1.17	0.760	0.601				

2248	C₆H₆ (1) C₁₄H₁₂O₂ (2)	benzene benzoic acid benzyl ester						71-43-2 120-51-4
$T/^\circ\text{C} = 5.0$								20B1
w_1	0.00	0.25	0.50	0.75	1.0000			
$\eta/(\text{mPa s})$	19.28	5.313	2.356	1.308	0.8293			
$T/^\circ\text{C} = 15.0$								20B1
w_1	0.00	0.25	0.50	0.75	1.0000			
$\eta/(\text{mPa s})$	12.12	4.004	1.861	1.076	0.7012			
$T/^\circ\text{C} = 25.0$								20B1
w_1	0.00	0.25	0.50	0.75	1.0000			
$\eta/(\text{mPa s})$	8.292	3.073	1.514	0.9057	0.6018			
$T/^\circ\text{C} = 40.0$								20B1
w_1	0.00	0.25	0.50	0.75	1.0000			
$\eta/(\text{mPa s})$	5.243	2.180	1.161	0.7205	0.4912			
$T/^\circ\text{C} = 60.0$								20B1
w_1	0.00	0.25	0.50	0.75	1.0000			
$\eta/(\text{mPa s})$	3.259	1.556	0.865	0.5578	0.3877			
$T/^\circ\text{C} = 75.0$								20B1
w_1	0.25	0.50	0.75	1.0000				
$\eta/(\text{mPa s})$	1.220	0.718	0.4702	0.33314				
2249	C₆H₆ (1) C₁₄H₃₀ (2)	benzene tetradecane						71-43-2 629-59-4
$T/\text{K} = 298.15$								86A3
x_2	0.00000	0.04444	0.09068	0.21254	0.41693	0.51212	0.62706	0.71387
$\eta/(\text{mPa s})$	0.6108	0.6498	0.6807	0.8158	1.0787	1.2214	1.4234	1.5787
x_2	0.80062	0.88223	1.00000					
$\eta/(\text{mPa s})$	1.7163	1.8423	2.0883					
$x_2 = 0.50$								49T1
T/K	298.0	318.0	335.8					
$\eta/(\text{mPa s})$	1.2394	0.9217	0.7175					
2250	C₆H₆ (1) C₁₆H₃₃Cl (2)	benzene 1-chloro-hexadecane						71-43-2 4860-03-1
$T/\text{K} = 298.15$								95P2
x_2	0.0000	0.1022	0.2905	0.4559	0.6835	0.8301	1.0000	

$v/(mm^2/s)$	0.6844	0.9975	1.767	2.625	4.301	5.041	6.305		
2251	C₆H₆ (1) C₁₆H₃₄ (2)		benzene hexadecane						71-43-2 544-76-3
$T/K = 298.15$									86A3
x_2	0.00000	0.05350	0.09944	0.21994	0.32338	0.43415	0.51942	0.64097	
$\eta/(mPa\ s)$	0.6108	0.6803	0.7563	0.9761	1.1612	1.4290	1.6488	1.9721	
x_2	0.69281	0.83610	0.94161	1.00000					
$\eta/(mPa\ s)$	2.1071	2.4922	2.8871	3.0782					
x_1	0.1211	0.1207	0.1199	0.1186	0.1165	0.1134			81D2
T/K	298.19	313.23	333.36	353.29	373.28	393.2			
$\eta/(mPa\ s)$	2.682	1.968	1.398	1.051	0.8212	0.6650			
x_1	0.2858	0.2852	0.2839	0.2817	0.2782	0.2730			81D2
T/K	298.19	313.23	333.36	353.29	373.28	393.2			
$\eta/(mPa\ s)$	2.189	1.652	1.179	0.9154	0.7274	0.5932			
x_1	0.5976	0.5971	0.5960	0.5940	0.5910	0.5864			81D2
T/K	298.19	313.23	333.36	353.29	373.28	393.2			
$\eta/(mPa\ s)$	1.369	1.078	0.8185	0.6514	0.5300	0.4580			
x_1	0.8497	0.8495	0.8491	0.8483	0.8472	0.8454			81D2
T/K	298.19	313.23	333.36	353.29	373.28	393.2			
$\eta/(mPa\ s)$	0.8411	0.6797	0.5351	0.4353	0.3630	0.3071			
x_1	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000			81D2
T/K	298.19	313.23	333.36	353.29	373.28	393.2			
$\eta/(mPa\ s)$	0.6021	0.4921	0.3894	0.3174	0.2644	0.2263			
<i>(at saturation vapor pressure)</i>									
$x_2 = 0.50$									49T1
T/K	298.0	318.0	335.8						
$\eta/(mPa\ s)$	1.6502	1.1919	0.9081						
$T/^\circ C = 25.0$									67H1
x_2	0.7656	0.5715	0.4563	0.3105	0.2727	0.1436	0.1091	0.0658	0.0317
$v/(mm^2/s)$	2.9875	2.2539	1.8615	1.4260	1.3202	0.9915	0.9115	0.8181	0.7491
2252	C₆H₆ (1) C₁₈H₃₄O₂ (2)		benzene cis-octadec-9-enoic acid						71-43-2 112-79-8
$T/^\circ C = 45.0$									80E1
x_1	0.0000	0.0452	0.1752	0.3115	0.4084	0.5017	0.6107	0.6960	0.7838
$v/(mm^2/s)$	16.159	13.789	12.053	9.189	7.219	5.726	4.106	3.043	2.079
x_1	0.8564	0.9305	1.0000						
$v/(mm^2/s)$	1.472	0.930	0.538						

2253	C₆H₆ (1) C₂₀H₄₀O₂ (2)	benzene octadecanoic acid ethyl ester								71-43-2 111-61-5
<i>T</i> /°C = 40.0										61T2
<i>x</i> ₂	0.0	0.25	0.50	0.75	1.00					
<i>η</i> /(mPa s)	0.49	1.55	2.72	3.98	5.34					
<i>T</i> /°C = 60.0										61T2
<i>x</i> ₂	0.0	0.25	0.50	0.75	1.00					
<i>η</i> /(mPa s)	0.39	1.22	2.00	2.75	3.45					
2254	C₆H₆ (1) C₂₆H₅₀O₄ (2)	benzene hexanedioic acid didecyl ester								71-43-2 105-97-5
<i>T</i> /°C = 40.0										67V1
<i>x</i> ₂	0.0	0.20	0.40	0.60	0.80	1.00				
<i>η</i> /(mPa s)	0.49	1.98	3.95	6.17	8.22	10.12				
<i>T</i> /°C = 60.0										67V1
<i>x</i> ₂	0.0	0.20	0.40	0.60	0.80	1.00				
<i>η</i> /(mPa s)	0.39	1.46	2.74	3.95	5.02	6.01				
2255	C₆H₆ (1) C₅₇H₁₀₄O₆ (2)	benzene <i>cis</i>-octadec-9-enoic acid 1,2,3-propanetriyl ester								71-43-2 122-32-7
<i>T</i> /°C = 45.0										80E1
<i>x</i> ₁	0.0000	0.1096	0.3038	0.4248	0.5486	0.6129	0.6957	0.7821	0.8604	
<i>v</i> /(mm ² /s)	32.753	31.194	26.235	22.387	18.050	15.455	11.980	8.312	4.898	
<i>x</i> ₁	0.9315	1.0000								
<i>v</i> /(mm ² /s)	2.340	0.538								
2256	C₆H₆ClN (1) C₇H₈O (2)	2-chloro-aniline methoxybenzene								95-51-2 100-66-3
<i>T</i> /K = 298.15										91A2
<i>x</i> ₂	0.0000	0.1009	0.1969	0.2948	0.3986	0.4961	0.5977	0.6935	0.7952	
<i>η</i> /(mPa s)	2.9729	2.7203	2.4538	2.1898	1.9582	1.7465	1.5663	1.4037	1.2704	
<i>x</i> ₂	0.9001	1.0000								
<i>η</i> /(mPa s)	1.1242	0.9912								
<i>T</i> /K = 303.15										91A2
<i>x</i> ₂	0.0000	0.1009	0.1969	0.2948	0.3986	0.4961	0.5977	0.6935	0.7952	
<i>η</i> /(mPa s)	2.6327	2.4202	2.1960	1.9685	1.7623	1.5833	1.4267	1.2847	1.4564	
<i>x</i> ₂	0.9001	1.0000								

η /(mPa s)	1.0443	0.9196							
T /K = 308.15									91A2
x_2	0.0000	0.1009	0.1969	0.2948	0.3986	0.4961	0.5977	0.6935	0.7952
η /(mPa s)	2.3403	2.1621	1.9710	1.7725	1.5954	1.4376	1.3021	1.1764	1.0644
x_2	0.9001	1.0000							
η /(mPa s)	0.9578	0.8533							
T /K = 313.15									91A2
x_2	0.0000	0.1009	0.1969	0.2948	0.3986	0.4961	0.5977	0.6935	0.7952
η /(mPa s)	2.0897	1.9393	1.7728	1.5997	1.4460	1.3091	1.1889	1.0795	0.9804
x_2	0.9001	1.0000							
η /(mPa s)	0.8856	0.7926							
2257	C₆H₆O (1) C₆H₇N (2)	phenol aniline							108-95-2 62-53-3
T /K = 303.15									86G4
x_1	0.0000	0.1000	0.1570	0.3000	0.3996	0.5019	0.7023		
η /(mPa s)	3.202	3.889	4.713	5.835	6.862	8.303	9.183		
T /K = 308.15									86G4
x_1	0.0000	0.1000	0.1570	0.3000	0.3996	0.5019	0.5992	0.7023	0.8023
η /(mPa s)	2.740	3.264	4.006	4.931	5.588	3.423	7.037	7.247	6.706
x_1	0.9097								
η /(mPa s)	6.294								
T /K = 313.15									86G4
x_1	0.0000	0.1000	0.1570	0.3000	0.3996	0.5019	0.5992	0.7023	0.8023
η /(mPa s)	2.428	2.900	3.368	4.043	4.611	5.365	5.828	5.862	5.473
x_1	0.9097								
η /(mPa s)	5.169								
T /K = 318.15									86G4
x_1	0.0000	0.1000	0.1570	0.3000	0.3996	0.5019	0.5992	0.7023	0.8023
η /(mPa s)	2.137	2.495	2.982	3.440	3.868	4.432	4.840	4.818	4.537
x_1	0.9097	1.0000							
η /(mPa s)	4.289	4.004							
T /K = 323.15									86G4
x_1	0.0000	0.1000	0.1570	0.3000	0.3996	0.5019	0.5992	0.7023	0.8023
η /(mPa s)	1.913	2.211	2.536	3.034	3.294	3.719	4.072	4.040	3.826
x_1	0.9097	1.0000							
η /(mPa s)	3.620	3.400							
T /K = 328.15									86G4
x_1	0.0000	0.1000	0.1570	0.3000	0.3996	0.5019	0.5992	0.7023	0.8023

η /(mPa s)	1.720	1.972	2.253	2.539	2.848	3.194	3.453	3.439	3.278
x_1	0.9097	1.0000							
η /(mPa s)	3.112	2.951							
T /K = 333.15									86G4
x_1	0.0000	0.1000	0.1570	0.3000	0.3996	0.5019	0.5992	0.7023	0.8023
η /(mPa s)	1.548	1.753	1.975	2.309	2.488	2.790	2.974	2.956	2.843
x_1	0.9097	1.0000							
η /(mPa s)	2.709	2.590							
T /K = 338.15									86G4
x_1	0.0000	0.1000	0.1570	0.3000	0.3996	0.5019	0.5992	0.7023	0.8023
η /(mPa s)	1.406	1.577	1.769	2.012	2.182	2.436	2.595	2.578	2.464
x_1	0.9097	1.0000							
η /(mPa s)	2.368	2.263							
T /K = 343.15									86G4
x_1	0.0000	0.1000	0.1570	0.3000	0.3996	0.5019	0.5992	0.7023	0.8023
η /(mPa s)	1.282	1.421	1.602	1.828	1.915	2.153	2.197	2.267	2.166
x_1	0.9097	1.0000							
η /(mPa s)	2.088	2.042							
T /°C = 20.0									16B1
w_1	0.0000	0.0794	0.1531	0.2334	0.3128	0.3939	0.4756	0.5381	0.6250
η /(mPa s)	4.28	5.09	6.10	7.35	8.89	10.59	12.15	13.20	14.18
w_1	0.6952	0.7702	0.8502	0.9228	1.0000				
η /(mPa s)	14.47	14.21	13.31	12.21	11.04				
T /°C = 30.0									16B1
w_1	0.0000	0.0758	0.1596	0.2333	0.3165	0.3914	0.4717	0.5400	0.6184
η /(mPa s)	3.145	3.66	4.34	5.07	5.95	6.85	7.70	8.36	8.89
w_1	0.6928	0.7686	0.8480	0.9250	1.0000				
η /(mPa s)	9.07	8.89	8.34	7.68	7.09				
T /°C = 40.0									16B1
w_1	0.0000	0.0758	0.1596	0.2333	0.3165	0.3914	0.4717	0.5400	0.6184
η /(mPa s)	2.405	2.74	3.15	3.61	4.10	4.61	5.10	5.45	5.73
w_1	0.6928	0.7686	0.8480	0.9250	1.0000				
η /(mPa s)	5.83	5.73	5.46	5.11	4.74				
T /°C = 60.0									16B1
w_1	0.0000	0.0758	0.1596	0.2333	0.3165	0.3914	0.4717	0.5400	0.6184
η /(mPa s)	1.54	1.69	1.88	2.083	2.285	2.485	2.67	2.79	2.90
w_1	0.6928	0.7686	0.8480	0.9250	1.0000				
η /(mPa s)	2.94	2.920	2.835	2.69	2.52				
T /°C = 80.0									16B1

w_1	0.0000	0.0758	0.1596	0.2333	0.3165	0.3914	0.4717	0.5400	0.6184
$\eta /(\text{mPa s})$	1.100	1.175	1.280	1.375	1.480	1.570	1.662	1.720	1.768
w_1	0.6928	0.7686	0.8480	0.9250	1.0000				
$\eta /(\text{mPa s})$	1.793	1.777	1.745	1.670	1.580				

 $T / ^\circ\text{C} = 125.0$

16B1

w_1	0.0000	0.0794	0.1531	0.2334	0.3128	0.3939	0.4756	0.5381	0.6250
$\eta /(\text{mPa s})$	0.637	0.666	0.693	0.723	0.749	0.770	0.788	0.799	0.811
w_1	0.6952	0.7702	0.8502	0.9228	1.0000				
$\eta /(\text{mPa s})$	0.817	0.818	0.813	0.797	0.770				

2258 **C₆H₆O (1)** **phenol** **108-95-2**
 C₆H₈N₂ (2) **phenylhydrazine** **100-63-0**

 $T / ^\circ\text{C} = 30.0$

13T1

w_2	0.0000	0.1475	0.3600	0.4650	0.4930	0.7500	1.0000		
$\eta /(\text{mPa s})$	2.015	3.51	7.16	8.27	8.18	6.955	4.58		

2259 **C₆H₆O (1)** **phenol** **108-95-2**
 C₆H₁₂ (2) **cyclohexane** **110-82-7**

 $T / ^\circ\text{C} = 30.0$

81M1

x_2	0.0000	0.0815	0.2049	0.2824	0.4033	0.5010	0.5905	0.7019	0.7969
$\eta /(\text{mPa s})$	6.944	5.517	3.870	3.177	2.326	1.864	1.552	1.255	1.066
x_2	0.8953	1.0000							
$\eta /(\text{mPa s})$	0.898	0.801							

 $T / ^\circ\text{C} = 30.0$

68R1

x_2	0.0000	0.0815	0.2049	0.2824	0.4033	0.5010	0.5905	0.7019	0.7969
$\eta /(\text{mPa s})$	6.944	5.517	3.870	3.177	2.326	1.864	1.552	1.255	1.066
x_2	0.8953	1.0000							
$\eta /(\text{mPa s})$	0.898	0.8007							

2260 **C₆H₆O (1)** **phenol** **108-95-2**
 C₆H₁₂O (2) **4-methyl-pentan-2-one** **108-10-1**

 $T / ^\circ\text{C} = 10.0$

83B1

x_1	0.0000	0.1210	0.2257						
$\nu /(\text{mm}^2/\text{s})$	0.8258	1.0253	1.2846						

 $T / ^\circ\text{C} = 20.0$

83B1

x_1	0.0000	0.0986	0.2141						
$\nu /(\text{mm}^2/\text{s})$	0.7288	0.8612	1.0819						

 $T / ^\circ\text{C} = 30.0$

83B1

x_1	0.0000	0.0986	0.2141
$\nu / (\text{mm}^2/\text{s})$	0.6592	0.7650	0.9383

2261 **C₆H₆O (1)** **phenol** **108-95-2**
C₆H₁₂O₂ (2) **acetic acid butyl ester** **123-86-4**

$T / ^\circ\text{C} = 10.0$ 83B1

x_1	0.0000	0.1194	0.2578
$\nu / (\text{mm}^2/\text{s})$	0.9396	1.1689	1.4735

$T / ^\circ\text{C} = 20.0$ 83B1

x_1	0.0000	0.1194	0.2578
$\nu / (\text{mm}^2/\text{s})$	0.8362	0.9917	1.2442

$T / ^\circ\text{C} = 30.0$ 83B1

x_1	0.0000	0.1194	0.2578
$\nu / (\text{mm}^2/\text{s})$	0.7381	0.8687	1.0681

2262 **C₆H₆O (1)** **phenol** **108-95-2**
C₆H₁₄O (2) **2-isopropoxy-propane** **108-20-3**

$T / ^\circ\text{C} = 10.0$ 83B1

x_1	0.0000	0.1096	0.2124
$\nu / (\text{mm}^2/\text{s})$	0.5049	0.6430	0.8414

$T / ^\circ\text{C} = 20.0$ 83B1

x_1	0.0000	0.1080	0.2102
$\nu / (\text{mm}^2/\text{s})$	0.4624	0.5737	0.7390

$T / ^\circ\text{C} = 30.0$ 83B1

x_1	0.0000	0.1097	0.2124
$\nu / (\text{mm}^2/\text{s})$	0.4218	0.5195	0.6593

2263 **C₆H₆O (1)** **phenol** **108-95-2**
C₇H₆O (2) **benzaldehyde** **100-52-7**

$T / ^\circ\text{C} = 35.0$ 80S1

x_2	0.000	0.107	0.303	0.390	0.499	0.595	0.706	0.904	1.000
$\eta / (\text{mPa s})$	5.969	4.318	2.944	2.642	2.401	1.989	1.550	1.200	1.130

2264 **C₆H₆O (1)** **phenol** **108-95-2**
C₇H₈ (2) **toluene** **108-88-3**

$T / ^\circ\text{C} = 25.0$ 65F1

x_1	0.0000	0.1048	0.2224	0.3246	0.4198	0.5465	0.6336	0.6746	0.8358
$\eta / (\text{mPa s})$	0.552	0.643	0.802	0.978	1.222	1.735	2.252	2.540	4.568

x_1	0.9102	1.0000							
$\eta /(\text{mPa s})$	5.970	8.537							
$T / ^\circ\text{C} = 50.0$									65F1
x_1	0.0000	0.1048	0.2224	0.3246	0.4198	0.5465	0.6336	0.6746	0.8358
$\eta /(\text{mPa s})$	0.420	0.478	0.570	0.674	0.795	1.039	1.272	1.390	2.126
x_1	0.9102	1.0000							
$\eta /(\text{mPa s})$	2.635	3.415							
$T / ^\circ\text{C} = 15.0$									24W4
x_1	0.2433	0.2786	0.3257	0.3922	0.4950	0.5747			
$\eta / \eta_{\text{water}}$	0.90	0.92	1.01	1.19	1.60	2.08			
$T / ^\circ\text{C} = 10.0$									83B1
x_1	0.0000	0.0509	0.0874	0.1517					
$\nu /(\text{mm}^2/\text{s})$	0.7849	0.8297	0.8815	0.9850					
$T / ^\circ\text{C} = 20.0$									83B1
x_1	0.0000	0.0961	0.1990						
$\nu /(\text{mm}^2/\text{s})$	0.6712	0.7828	0.9244						
$T / ^\circ\text{C} = 30.0$									83B1
x_1	0.0000	0.0961	0.1990						
$\nu /(\text{mm}^2/\text{s})$	0.6044	0.6973	0.8104						
2265	C₆H₆O (1) C₇H₈O (2)		phenol 2-methyl-phenol						108-95-2 95-48-7
$T / ^\circ\text{C} = 25.0$									21K1
x_2	0.0000	0.0990	0.1270	0.1997	0.2421	0.3073	0.3717	0.5090	0.6119
$\eta /(\text{mPa s})$	8.945	8.851	8.825	8.757	8.731	8.645	8.565	8.404	8.235
x_2	0.7000	0.8027	0.8657	1.0000					
$\eta /(\text{mPa s})$	8.099	7.930	7.835	7.608					
2266	C₆H₆O (1) C₇H₈O (2)		phenol 3-methyl-phenol						108-95-2 108-39-4
$T / ^\circ\text{C} = 25.0$									21K1
x_2	0.0000	0.0699	0.1079	0.1810	0.2675	0.3648	0.4826	0.5498	0.6152
$\eta /(\text{mPa s})$	8.945	9.105	9.206	9.598	9.698	9.961	10.40	10.70	10.95
x_2	0.6863	0.7551	0.8741	1.0000					
$\eta /(\text{mPa s})$	11.31	11.69	12.50	13.42					
2267	C₆H₆O (1) C₇H₈O (2)		phenol 4-methyl-phenol						108-95-2 106-44-5

$T/^\circ\text{C} = 25.0$									21K1
x_2	0.0000	0.1217	0.2413	0.3615	0.4782	0.6149	0.6809	0.8402	1.0000
$\eta/(\text{mPa s})$	8.945	9.463	9.835	10.42	10.99	11.75	12.18	13.27	14.74
2268	C₆H₆O (1) C₇H₉N (2)	phenol N-methyl-aniline						108-95-2 100-61-8	
$T/^\circ\text{C} = 25.0$									37V1
x_2	0.10	0.20	0.25	0.32	0.40	0.45	0.50	0.5321	
$\eta/(\text{mPa s})$	9.02	10.16	10.54	10.76	10.52	10.17	9.74	9.40	
x_2	0.60	0.70	0.75	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	8.20	6.96	6.06	5.47	4.21	3.20			
$T/^\circ\text{C} = 40.0$									37V1
x_2	0.00	0.10	0.20	0.25	0.32	0.40	0.45	0.50	0.5321
$\eta/(\text{mPa s})$	4.15	4.25	4.75	4.95	5.07	5.04	4.92	4.73	4.54
x_2	0.60	0.70	0.75	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	4.31	3.63	3.25	2.95	2.48	1.96			
$T/^\circ\text{C} = 50.0$									37V1
x_2	0.00	0.10	0.20	0.25	0.32	0.40	0.45	0.50	0.5321
$\eta/(\text{mPa s})$	2.68	2.98	3.20	3.28	3.33	3.30	3.25	3.14	3.05
x_2	0.60	0.70	0.75	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	2.82	2.50	2.34	2.17	1.84	1.52			
$T/^\circ\text{C} = 75.0$									37V1
x_2	0.00	0.10	0.20	0.25	0.32	0.40	0.45	0.50	0.5321
$\eta/(\text{mPa s})$	1.28	1.34	1.36	1.36	1.43	1.43	1.42	1.41	1.39
x_2	0.60	0.70	0.75	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	1.30	1.22	1.14	1.08	0.97	0.85			
$T/^\circ\text{C} = 100.0$									37V1
x_2	0.00	0.10	0.20	0.25	0.32	0.40	0.45	0.50	0.5321
$\eta/(\text{mPa s})$	0.80	0.75	0.75	0.75	0.77	0.78	0.76	0.75	0.74
x_2	0.60	0.70	0.75	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	0.72	0.67	0.66	0.62	0.61	0.52			
2269	C₆H₆O (1) C₇H₉N (2)	phenol 4-methyl-aniline						108-95-2 106-49-0	
$T/\text{K} = 303.15$									86G4
x_1	0.2000	0.3000	0.3999	0.5000	0.6001	0.6998	0.7999	0.9017	
$\eta/(\text{mPa s})$	4.493	5.659	7.132	8.687	9.885	10.084	9.599	8.415	
$T/\text{K} = 308.15$									86G4

x_1	0.2000	0.3000	0.3999	0.5000	0.6001	0.6998	0.7999	0.9017	
$\eta /(\text{mPa s})$	3.766	4.735	5.795	6.945	7.785	7.975	7.614	6.768	
$T/\text{K} = 313.15$									86G4
x_1	0.0992	0.2000	0.3000	0.3999	0.5000	0.6001	0.6998	0.7999	0.9017
$\eta /(\text{mPa s})$	2.632	3.228	3.958	4.791	5.646	6.286	6.420	6.154	5.515
$T/\text{K} = 318.15$									86G4
x_1	0.0000	0.0992	0.2000	0.3000	0.3999	0.5000	0.6001	0.6998	0.7999
$\eta /(\text{mPa s})$	1.938	2.314	2.794	3.373	4.016	4.667	5.131	5.250	5.041
x_1	0.9017	1.0000							
$\eta /(\text{mPa s})$	4.583	4.004							
$T/\text{K} = 323.15$									86G4
x_1	0.0000	0.0992	0.2000	0.3000	0.3999	0.5000	0.6001	0.6998	0.7999
$\eta /(\text{mPa s})$	1.732	2.051	2.447	2.917	3.412	3.932	4.252	4.351	4.206
x_1	0.9017	1.0000							
$\eta /(\text{mPa s})$	3.790	3.400							
$T/\text{K} = 328.15$									86G4
x_1	0.0000	0.0992	0.2000	0.3000	0.3999	0.5000	0.6001	0.6998	0.7999
$\eta /(\text{mPa s})$	1.572	1.843	2.167	2.553	2.952	3.357	3.609	3.685	3.579
x_1	0.9017	1.0000							
$\eta /(\text{mPa s})$	3.250	2.951							
$T/\text{K} = 333.15$									86G4
x_1	0.0000	0.0992	0.2000	0.3000	0.3999	0.5000	0.6001	0.6998	0.7999
$\eta /(\text{mPa s})$	1.429	1.659	1.938	2.262	2.582	2.899	3.105	3.160	3.075
x_1	0.9017	1.0000							
$\eta /(\text{mPa s})$	2.808	2.590							
$T/\text{K} = 338.15$									86G4
x_1	0.0000	0.0992	0.2000	0.3000	0.3999	0.5000	0.6001	0.6998	0.7999
$\eta /(\text{mPa s})$	1.298	1.504	1.745	2.011	2.269	2.528	2.684	2.731	2.666
x_1	0.9017	1.0000							
$\eta /(\text{mPa s})$	2.483	2.263							
$T/\text{K} = 343.15$									86G4
x_1	0.0000	0.0992	0.2000	0.3000	0.3999	0.5000	0.6001	0.6998	0.7999
$\eta /(\text{mPa s})$	1.194	1.363	1.569	1.783	2.009	2.216	2.345	2.377	2.332
x_1	0.9017	1.0000							
$\eta /(\text{mPa s})$	2.152	2.042							
$T/^\circ\text{C} = 39.9$									16B1
w_1	0.0000	0.0985	0.2067	0.2986	0.3857	0.4625	0.5509	0.6270	0.7111
$\eta /(\text{mPa s})$	2.080	2.632	3.352	4.090	4.820	5.430	6.015	6.29	6.27
w_1	0.8019	0.8976	1.0000						
$\eta /(\text{mPa s})$	5.915	5.38	4.79						

$T/^\circ\text{C} = 59.9$									16B1
w_1	0.0000	0.0985	0.2067	0.2986	0.3857	0.4625	0.5509	0.6270	0.7111
$\eta/(\text{mPa s})$	1.398	1.649	1.983	2.283	2.564	2.810	3.015	3.115	3.110
w_1	0.8019	0.8976	1.0000						
$\eta/(\text{mPa s})$	2.990	2.780	2.520						
$T/^\circ\text{C} = 79.8$									16B1
w_1	0.0000	0.0985	0.2067	0.2986	0.3857	0.4625	0.5509	0.6270	0.7111
$\eta/(\text{mPa s})$	1.006	1.149	1.323	1.469	1.600	1.705	1.805	1.858	1.857
w_1	0.8019	0.8976	1.0000						
$\eta/(\text{mPa s})$	1.804	1.711	1.581						
$T/^\circ\text{C} = 99.9$									16B1
w_1	0.0000	0.0985	0.2067	0.2986	0.3857	0.4625	0.5509	0.6270	0.7111
$\eta/(\text{mPa s})$	0.776	0.869	0.969	1.050	1.123	1.175	1.226	1.245	1.240
w_1	0.8019	0.8976	1.0000						
$\eta/(\text{mPa s})$	1.210	1.171	1.115						
$T/^\circ\text{C} = 125.0$									16B1
w_1	0.0000	0.0985	0.2067	0.2986	0.3857	0.4625	0.5509	0.6270	0.7111
$\eta/(\text{mPa s})$	0.608	0.655	0.706	0.749	0.760	0.820	0.842	0.851	0.847
w_1	0.8019	0.8976	1.0000						
$\eta/(\text{mPa s})$	0.830	0.806	0.770						
$T/^\circ\text{C} = 150.0$									16B1
w_1	0.0000	0.1662	0.2311	0.3442	0.3824	0.4561	0.5631	0.6569	0.7625
$\eta/(\text{mPa s})$	0.491	0.541	0.560	0.594	0.603	0.619	0.636	0.641	0.635
w_1	0.7943	0.8634	1.0000						
$\eta/(\text{mPa s})$	0.630	0.618	0.592						
$T/^\circ\text{C} = 175.0$									16B1
w_1	0.0000	0.1662	0.2311	0.3442	0.3824	0.4561	0.5631	0.6569	0.7625
$\eta/(\text{mPa s})$	0.423	0.456	0.468	0.490	0.496	0.507	0.517	0.520	0.515
w_1	0.7943	0.8634	1.0000						
$\eta/(\text{mPa s})$	0.512	0.508	0.492						
$T/^\circ\text{C} = 30.0$									13T1
w_1	0.399	0.475	0.588	0.622	0.715	1.000			
$\eta/(\text{mPa s})$	7.57	8.64	9.42	9.62	8.94	7.00			
2270	C₆H₆O (1)		phenol						108-95-2
	C₇H₉NO (2)		4-methoxy-aniline						104-94-9
$T/\text{K} = 313.15$									86G4
x_1	0.0999	0.2002	0.3000	0.4000	0.8000	0.9004			
$\eta/(\text{mPa s})$	5.797	6.645	7.750	8.863	8.053	6.459			

$T/K = 318.15$									86G4
x_1	0.0999	0.2002	0.3000	0.4000	0.6999	0.8000	0.9004	1.0000	
$\eta /(\text{mPa s})$	4.847	5.520	6.366	7.168	7.548	6.510	5.261	4.004	
$T/K = 323.15$									86G4
x_1	0.0999	0.2002	0.3000	0.4000	0.5000	0.6000	0.6999	0.8000	0.9004
$\eta /(\text{mPa s})$	4.081	4.655	5.293	5.903	6.371	6.445	6.100	5.386	4.384
x_1	1.0000								
$\eta /(\text{mPa s})$	3.400								
$T/K = 328.15$									86G4
x_1	0.0999	0.2002	0.3000	0.4000	0.5000	0.6000	0.6999	0.8000	0.9004
$\eta /(\text{mPa s})$	3.522	4.000	4.523	5.015	5.315	5.351	5.087	4.522	3.726
x_1	1.0000								
$\eta /(\text{mPa s})$	2.951								
$T/K = 333.15$									86G4
x_1	0.0000	0.0999	0.2002	0.3000	0.4000	0.5000	0.6000	0.6999	0.8000
$\eta /(\text{mPa s})$	2.783	3.109	3.467	3.854	4.193	4.453	4.501	4.309	3.838
x_1	0.9004	1.0000							
$\eta /(\text{mPa s})$	3.219	2.590							
$T/K = 338.15$									86G4
x_1	0.0000	0.0999	0.2002	0.3000	0.4000	0.5000	0.6000	0.6999	0.8000
$\eta /(\text{mPa s})$	2.476	2.753	3.028	3.330	3.587	3.825	3.821	3.665	3.294
x_1	0.9004	1.0000							
$\eta /(\text{mPa s})$	2.783	2.263							
$T/K = 343.15$									86G4
x_1	0.0000	0.0999	0.2002	0.3000	0.4000	0.5000	0.6000	0.6999	0.8000
$\eta /(\text{mPa s})$	2.221	2.438	2.666	2.911	3.126	3.279	3.289	3.151	2.855
x_1	0.9004	1.0000							
$\eta /(\text{mPa s})$	2.443	2.042							
2271	C₆H₆O (1)		phenol						108-95-2
	C₈H₈O (2)		1-phenyl-ethanone						98-86-2
$T/K = 303.15$									94K8
x_2	0.0000	0.0901	0.2182	0.3102	0.4048	0.5083	0.5936	0.7241	0.7583
$\eta /(\text{mPa s})$	5.516	4.976	4.319	3.905	3.519	3.131	2.839	2.404	2.295
x_2	0.8846	1.0000							
$\eta /(\text{mPa s})$	1.887	1.509							
2272	C₆H₆O (1)		phenol						108-95-2
	C₈H₁₀N₂O (2)		N,N-dimethyl-4-nitroso-aniline						138-89-6

$T/^\circ\text{C} = 77.0$									32B1
w_2	0.00	0.10	0.20	0.25	0.30	0.40	0.50	0.90	
$\eta/(\text{mPa s})$	1.1301	1.1934	1.2936	1.3541	1.4187	1.5756	1.7926	2.9161	
$T/^\circ\text{C} = 97.5$									32B1
w_2	0.00	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.50
$\eta/(\text{mPa s})$	0.7714	0.8051	0.8260	0.8522	0.8742	0.9056	0.9381	0.9846	1.0815
w_2	0.60	0.70	0.75	0.80	0.85	0.90	1.00		
$\eta/(\text{mPa s})$	1.1933	1.3608	1.4500	1.5686	1.6971	1.8276	2.1040		
2273	C₆H₆O (1) C₈H₁₁N (2)	phenol N,N-dimethyl-aniline						108-95-2 121-69-7	
$T/^\circ\text{C} = 25.0$									37V1
x_2	0.07	0.10	0.20	0.25	0.30	0.40	0.50	0.563	
$\eta/(\text{mPa s})$	7.72	7.52	6.81	6.38	5.75	4.47	3.50	3.01	
x_2	0.60	0.70	0.75	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	2.80	2.18	1.98	1.75	1.40	1.16			
$T/^\circ\text{C} = 40.0$									37V1
x_2	0.00	0.07	0.10	0.20	0.25	0.30	0.40	0.50	0.563
$\eta/(\text{mPa s})$	4.15	3.93	3.90	3.60	3.37	3.10	2.62	2.23	2.09
x_2	0.60	0.70	0.75	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	1.81	1.53	1.37	1.25	1.03	0.91			
$T/^\circ\text{C} = 50.0$									37V1
x_2	0.00	0.07	0.10	0.20	0.25	0.30	0.40	0.50	0.563
$\eta/(\text{mPa s})$	2.68	2.69	2.68	2.50	2.35	2.22	1.91	1.65	1.45
x_2	0.60	0.70	0.75	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	1.40	1.18	1.11	1.00	0.85	0.75			
$T/^\circ\text{C} = 75.0$									37V1
x_2	0.00	0.07	0.10	0.20	0.25	0.30	0.40	0.50	0.563
$\eta/(\text{mPa s})$	1.28	1.24	1.25	1.18	1.13	1.13	0.99	0.90	0.81
x_2	0.60	0.70	0.75	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	0.82	0.73	0.68	0.64	0.58	0.52			
$T/^\circ\text{C} = 100.0$									37V1
x_2	0.00	0.07	0.10	0.20	0.25	0.30	0.40	0.50	0.563
$\eta/(\text{mPa s})$	0.80	0.70	0.70	0.66	0.64	0.60	0.59	0.53	0.52
x_2	0.60	0.70	0.75	0.80	0.90	1.00			
$\eta/(\text{mPa s})$	0.51	0.50	0.46	0.46	0.41	0.38			
$T/^\circ\text{C} = 10.0$									16B1
w_1	0.0000	0.0907	0.1730	0.2394	0.3308	0.4039	0.4827	0.5575	0.6282

η /(mPa s)	1.654	2.076	2.586	3.145	4.185	5.315	6.96	8.69	10.94
w_1	0.6997	0.7814	0.8539	0.9276	1.0000				
η /(mPa s)	13.47	16.39	18.50	19.64	20.10				
$T/^\circ\text{C} = 20.0$									16B1
w_1	0.0000	0.0907	0.1730	0.2394	0.3308	0.4039	0.4827	0.5575	0.6282
η /(mPa s)	1.387	1.684	2.045	2.415	3.085	3.77	4.70	5.64	6.75
w_1	0.6997	0.7814	0.8539	0.9276	1.0000				
η /(mPa s)	8.01	9.40	10.30	10.87	11.04				
$T/^\circ\text{C} = 29.8$									16B1
w_1	0.0000	0.0793	0.1661	0.2460	0.3271	0.4146	0.4919	0.5614	0.6395
η /(mPa s)	1.173	1.351	1.629	1.936	2.315	2.83	3.33	3.93	4.705
w_1	0.7099	0.7883	0.8608	0.9319	1.0000				
η /(mPa s)	5.325	6.025	6.48	8.86	7.09				
$T/^\circ\text{C} = 40.2$									16B1
w_1	0.0000	0.0793	0.1661	0.2460	0.3271	0.4146	0.4919	0.5614	0.6395
η /(mPa s)	1.021	1.159	1.354	1.570	1.840	2.185	2.510	2.855	3.34
w_1	0.7099	0.7883	0.8608	0.9319	1.0000				
η /(mPa s)	3.715	4.15	4.40	4.59	4.74				
$T/^\circ\text{C} = 59.9$									16B1
w_1	0.0000	0.0793	0.1661	0.2460	0.3271	0.4146	0.4919	0.5614	0.6395
η /(mPa s)	0.799	0.878	1.001	1.123	1.267	1.428	1.587	1.760	1.960
w_1	0.7099	0.7883	0.8608	0.9319	1.0000				
η /(mPa s)	2.100	2.270	2.380	2.665	2.530				
$T/^\circ\text{C} = 80.0$									16B1
w_1	0.0000	0.0793	0.1661	0.2460	0.3271	0.4146	0.4919	0.5614	0.6395
η /(mPa s)	0.658	0.707	0.782	0.852	0.937	1.025	1.119	1.213	1.312
w_1	0.7099	0.7883	0.8608	0.9319	1.0000				
η /(mPa s)	1.379	1.472	1.523	1.567	1.585				
$T/^\circ\text{C} = 126.0$									16B1
w_1	0.0000	0.0907	0.1730	0.2394	0.3308	0.4039	0.4827	0.5575	0.6282
η /(mPa s)	0.461	0.482	0.508	0.531	0.565	0.594	0.627	0.653	0.680
w_1	0.6997	0.7814	0.8539	0.9276	1.0000				
η /(mPa s)	0.703	0.728	0.745	0.761	0.770				
$T/^\circ\text{C} = 177.0$									16B1
w_1	0.0000	0.0907	0.1730	0.2394	0.3308	0.4039	0.4827	0.5575	0.6282
η /(mPa s)	0.341	0.352	0.362	0.372	0.386	0.398	0.410	0.422	0.432
w_1	0.6997	0.7814	0.8539	0.9276	1.0000				
η /(mPa s)	0.442	0.453	0.460	0.467	0.490				

2274 C₆H₆O (1)

phenol

108-95-2

	C₈H₁₁N (2)		N-ethyl-aniline					103-69-5	
<i>T</i> /°C = 25.0									
<i>x</i> ₂	0.00	0.10	0.17	0.25	0.30	0.40	0.50	0.563	0.60
<i>η</i> /(mPa s)		8.63	8.82	8.53	8.18	7.28	5.98	5.10	4.77
<i>x</i> ₂	0.70	0.75	0.80	0.90	1.00				
<i>η</i> /(mPa s)	3.68	3.27	2.90	2.22	1.75				
<i>T</i> /°C = 40.0									
<i>x</i> ₂	0.00	0.10	0.17	0.25	0.30	0.40	0.50	0.563	0.60
<i>η</i> /(mPa s)	4.15	4.35	4.53	4.34	4.26	3.96	3.41	2.99	2.78
<i>x</i> ₂	0.70	0.75	0.80	0.90	1.00				
<i>η</i> /(mPa s)	2.31	2.06	1.88	1.55	1.34				
<i>T</i> /°C = 50.0									
<i>x</i> ₂	0.00	0.10	0.17	0.25	0.30	0.40	0.50	0.563	0.60
<i>η</i> /(mPa s)	2.68	3.14	3.16	3.06	3.13	2.97	2.54	2.15	2.10
<i>x</i> ₂	0.70	0.75	0.80	0.90	1.00				
<i>η</i> /(mPa s)	1.76	1.62	1.54	1.24	1.07				
<i>T</i> /°C = 75.0									
<i>x</i> ₂	0.00	0.10	0.17	0.25	0.30	0.40	0.50	0.563	0.60
<i>η</i> /(mPa s)	1.28	1.46	1.47	1.41	1.40	1.33	1.22	1.12	1.07
<i>x</i> ₂	0.70	0.75	0.80	0.90	1.00				
<i>η</i> /(mPa s)	0.96	0.91	0.86	0.76	0.69				
<i>T</i> /°C = 100.0									
<i>x</i> ₂	0.00	0.10	0.17	0.25	0.30	0.40	0.50	0.563	0.60
<i>η</i> /(mPa s)	0.80	0.83	0.77	0.80	0.80	0.76	0.71	0.67	0.67
<i>x</i> ₂	0.70	0.75	0.80	0.90	1.00				
<i>η</i> /(mPa s)	0.59	0.58	0.54	0.52	0.48				

2275	C₆H₆O (1) C₉H₇N (2)		phenol quinoline					108-95-2 91-22-5	
<i>T</i> /K = 298.15									
<i>x</i> ₂	0.0000	0.1054	0.1999	0.3001	0.4004	0.4996	0.5998	0.6997	0.7997
<i>η</i> /(mPa s)	9.410	12.704	17.286	20.986	19.771	14.311	10.235	7.295	5.580
<i>x</i> ₂	0.9023	1.0000							
<i>η</i> /(mPa s)	4.054	3.475							
<i>T</i> /K = 303.15									
<i>x</i> ₂	0.0000	0.1054	0.1999	0.3001	0.4004	0.4996	0.5998	0.6997	0.7997
<i>η</i> /(mPa s)	7.553	12.204	13.094	15.718	14.984	11.026	8.240	6.110	4.797
<i>x</i> ₂	0.9023	1.0000							
<i>η</i> /(mPa s)	3.537	3.092							

$T/K = 308.15$									84I2
x_2	0.0000	0.1054	0.1999	0.3001	0.4004	0.4996	0.5998	0.6997	0.7997
$\eta /(\text{mPa s})$	6.106	8.195	10.472	12.403	11.866	8.920	6.902	5.266	4.143
x_2	0.9023	1.0000							
$\eta /(\text{mPa s})$	3.095	2.777							
$T/K = 313.15$									84I2
x_2	0.0000	0.1054	0.1999	0.3001	0.4004	0.4996	0.5998	0.6997	0.7997
$\eta /(\text{mPa s})$	4.971	6.728	8.655	10.083	9.694	7.310	5.796	4.553	3.608
x_2	0.9023	1.0000							
$\eta /(\text{mPa s})$	2.718	2.489							
$T/K = 318.15$									84I2
x_2	0.0000	0.1054	0.1999	0.3001	0.4004	0.4996	0.5998	0.6997	0.7997
$\eta /(\text{mPa s})$	4.056	5.655	7.159	8.328	8.054	5.886	4.902	3.996	3.172
x_2	0.9023	1.0000							
$\eta /(\text{mPa s})$	2.416	2.243							
$T/^\circ\text{C} = 4.8$									16B1
w_1	0.0000	0.0754	0.1456	0.2273	0.2976	0.3752	0.4508	0.5320	0.6030
$\eta /(\text{mPa s})$	4.805	6.19	8.10	11.70	16.77	26.44	37.50	50.65	52.59
w_1	0.6821	0.7688	0.8337	0.9206	1.0000				
$\eta /(\text{mPa s})$	47.40	38.36	31.56	24.20	20.10				
$T/^\circ\text{C} = 20.0$									16B1
w_1	0.0000	0.0754	0.1456	0.2273	0.2976	0.3752	0.4508	0.5320	0.6030
$\eta /(\text{mPa s})$	3.635	4.595	5.725	7.85	10.58	15.03	20.31	24.52	25.29
w_1	0.6821	0.7688	0.8337	0.9206	1.0000				
$\eta /(\text{mPa s})$	23.27	19.41	16.60	13.37	11.04				
$T/^\circ\text{C} = 29.9$									16B1
w_1	0.0000	0.0777	0.1492	0.2196	0.2982	0.3714	0.4462	0.5231	0.5989
$\eta /(\text{mPa s})$	2.943	3.645	4.495	5.605	7.425	9.65	12.21	14.36	14.80
w_1	0.6792	0.7257	0.8349	0.9179	1.0000				
$\eta /(\text{mPa s})$	13.44	11.77	10.10	8.44	7.09				
$T/^\circ\text{C} = 40.0$									16B1
w_1	0.0000	0.0777	0.1492	0.2196	0.2982	0.3714	0.4462	0.5231	0.5989
$\eta /(\text{mPa s})$	2.384	2.885	3.455	4.195	5.335	6.600	7.95	8.87	9.04
w_1	0.6792	0.7257	0.8349	0.9179	1.0000				
$\eta /(\text{mPa s})$	8.39	7.48	6.56	5.525	4.76				
$T/^\circ\text{C} = 60.0$									16B1
w_1	0.0000	0.0777	0.1492	0.2196	0.2982	0.3714	0.4462	0.5231	0.5989
$\eta /(\text{mPa s})$	1.671	1.950	2.245	2.615	3.120	3.645	4.10	4.36	4.40
w_1	0.6792	0.7257	0.8349	0.9179	1.0000				
$\eta /(\text{mPa s})$	4.10	3.71	3.315	2.875	2.52				

$T/^\circ\text{C} = 80.0$										16B1
w_1	0.0000	0.0777	0.1492	0.2196	0.2982	0.3714	0.4462	0.5231	0.5989	
$\eta/(\text{mPa s})$	1.250	1.424	1.603	1.809	2.071	2.308	2.52	2.61	2.582	
w_1	0.6792	0.7257	0.8349	0.9179	1.0000					
$\eta/(\text{mPa s})$	2.415	2.232	2.028	1.786	1.58					
$T/^\circ\text{C} = 125.0$										16B1
w_1	0.0000	0.0754	0.1456	0.2273	0.2976	0.3752	0.4508	0.5320	0.6030	
$\eta/(\text{mPa s})$	0.786	0.837	0.901	0.988	1.064	1.121	1.155	1.158	1.119	
w_1	0.6821	0.7688	0.8337	0.9206	1.0000					
$\eta/(\text{mPa s})$	1.055	0.969	0.918	0.837	0.770					
$T/^\circ\text{C} = 175.0$										16B1
w_1	0.0000	0.0754	0.1456	0.2273	0.2976	0.3752	0.4508	0.5320	0.6030	
$\eta/(\text{mPa s})$	0.547	0.564	0.588	0.622	0.642	0.650	0.652	0.649	0.632	
w_1	0.6821	0.7688	0.8337	0.9206	1.0000					
$\eta/(\text{mPa s})$	0.606	0.570	0.542	0.513	0.492					
2276	C₆H₆O (1) C₁₀H₈ (2)		phenol naphthalene							108-95-2 91-20-3
$T/^\circ\text{C} = 77.0$										32B1
w_2	0.00	0.10	0.15	0.20	0.25	0.30	0.35	0.40	0.50	
$\eta/(\text{mPa s})$	1.1222	1.0537	1.0212	0.9858	0.9570	0.9237	0.9001	0.8740	0.8241	
w_2	0.60	0.70	0.80	0.90						
$\eta/(\text{mPa s})$	0.7892	0.7622	0.7364	0.7273						
$T/^\circ\text{C} = 97.5$										32B1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	0.7687	0.7265	0.6937	0.6597	0.6330	0.6089	0.5858	0.5668	0.5497	
w_2	0.90	1.00								
$\eta/(\text{mPa s})$	0.5433	0.5412								
2277	C₆H₆O (1) C₁₀H₉N (2)		phenol naphthalen-1-ylamine							108-95-2 134-32-7
$T/^\circ\text{C} = 30.0$										13T1
w_2	0.000	0.520	0.565	0.791						
$\eta/(\text{mPa s})$	7.00	24.9	26.9	32.4						
$T/^\circ\text{C} = 50.0$										13T1
w_2	0.000	0.520	0.565	0.791	0.925	1.000				
$\eta/(\text{mPa s})$	3.20	8.52	9.00	10.9	11.02	11.08				

2278	C₆H₆O (1)	C₁₀H₁₄N₂ (2)	phenol (S)-(-)-nicotine					108-95-2 54-11-5	
<i>T</i> / °C = 35.0									49B1
<i>x</i> ₂	0.0000	0.1004	0.2060	0.2205	0.2409	0.2530	0.2550	0.2629	0.2865
<i>η</i> /(mPa s)	6.0320	16.2795	28.7207	29.7267	30.0697	29.8266	29.6908	29.4018	28.637
<i>x</i> ₂	0.3078	0.4035	0.4981	0.6636	0.7961	0.8610	1.0000		
<i>η</i> /(mPa s)	27.5496	21.0062	16.1628	7.4225	5.1621	4.5023	3.1555		
<i>T</i> / °C = 50.0									49B1
<i>x</i> ₂	0.0000	0.1004	0.2060	0.2205	0.2409	0.2530	0.2550	0.2629	0.2865
<i>η</i> /(mPa s)	3.5352	7.2241	11.4623	11.8977	12.1491	12.0600	12.0500	12.0031	11.737
<i>x</i> ₂	0.3078	0.4035	0.4981	0.6636	0.7961	0.8610	1.0000		
<i>η</i> /(mPa s)	11.6292	10.0798	8.0922	4.7965	3.4095	3.0325	2.0376		
<i>T</i> / °C = 75.0									49B1
<i>x</i> ₂	0.0000	0.1004	0.2060	0.2205	0.2409	0.2530	0.2550	0.2629	0.2865
<i>η</i> /(mPa s)	1.7808	2.9122	4.0962	4.1494	4.3757	4.2857	4.2588	4.2022	4.1821
<i>x</i> ₂	0.3078	0.4035	0.4981	0.6636	0.7961	0.8610	1.0000		
<i>η</i> /(mPa s)	4.1714	3.7116	3.3540	2.4255	1.8664	1.7553	1.2626		
2279	C₆H₆O (1)	C₁₀H₁₅N (2)	phenol N,N-diethyl-aniline					108-95-2 91-66-7	
<i>T</i> / °C = 25.0									37T1
<i>x</i> ₂	0.10	0.16	0.20	0.25	0.30	0.40	0.50	0.613	
<i>η</i> /(mPa s)	8.66	8.76	8.47	8.20	7.75	6.44	5.27	4.11	
<i>x</i> ₂	0.70	0.75	0.80	0.90	1.00				
<i>η</i> /(mPa s)	3.27	2.86	2.63	2.17	1.77				
<i>T</i> / °C = 40.0									37T1
<i>x</i> ₂	0.00	0.10	0.16	0.20	0.25	0.30	0.40	0.50	0.613
<i>η</i> /(mPa s)	4.15	4.49	4.49	4.35	4.17	3.95	3.49	3.00	2.51
<i>x</i> ₂	0.70	0.75	0.80	0.90	1.00				
<i>η</i> /(mPa s)	2.13	1.95	1.80	1.48	1.35				
<i>T</i> / °C = 50.0									37T1
<i>x</i> ₂	0.00	0.10	0.16	0.20	0.25	0.30	0.40	0.50	0.613
<i>η</i> /(mPa s)	2.68	3.10	3.13	3.00	2.87	2.77	2.48	2.17	1.93
<i>x</i> ₂	0.70	0.75	0.80	0.90	1.00				
<i>η</i> /(mPa s)	1.65	1.52	1.37	1.22	1.07				
<i>T</i> / °C = 75.0									37T1
<i>x</i> ₂	0.00	0.10	0.16	0.20	0.25	0.30	0.40	0.50	0.613
<i>η</i> /(mPa s)	1.28	1.46	1.44	1.45	1.37	1.33	1.24	1.15	1.07
<i>x</i> ₂	0.70	0.75	0.80	0.90	1.00				

η /(mPa s)	0.95	0.88	0.83	0.75	0.69				
T /°C = 100.0									37T1
x_2	0.00	0.10	0.16	0.20	0.25	0.30	0.40	0.50	0.613
η /(mPa s)	0.80	0.82	0.83	0.80	0.80	0.75	0.75	0.70	0.66
x_2	0.70	0.75	0.80	0.90	1.00				
η /(mPa s)	0.57	0.57	0.53	0.51	0.48				

2280	C₆H₆O (1)	C₁₂H₁₁N (2)	phenol diphenylamine							108-95-2 122-39-4
T /°C = 30.0										16B1
w_1	0.0000	0.0787	0.1518	0.2329	0.3087	0.3860	0.4656	0.5343	0.5965	
η /(mPa s)	13.57	12.57	11.65	10.72	10.03	947	8.98	8.61	8.28	
w_1	0.6884	0.7660	0.8459	0.9204	1.0000					
η /(mPa s)	7.91	7.65	7.42	7.255	7.09					
T /°C = 40.0										16B1
w_1	0.0000	0.0787	0.1518	0.2329	0.3087	0.3860	0.4656	0.5343	0.5965	
η /(mPa s)	8.52	7.95	7.43	6.93	6.52	6.20	5.91	5.68	5.51	
w_1	0.6884	0.7660	0.8459	0.9204	1.0000					
η /(mPa s)	5.28	5.13	4.98	4.845	4.74					
T /°C = 61.0										16B1
w_1	0.0000	0.0787	0.1518	0.2329	0.3087	0.3860	0.4656	0.5343	0.5965	
η /(mPa s)	4.17	3.83	3.59	3.39	3.225	3.085	2.96	2.865	2.79	
w_1	0.6884	0.7660	0.8459	0.9204	1.0000					
η /(mPa s)	2.685	2.62	2.565	2.53	2.51					
T /°C = 81.0										16B1
w_1	0.0000	0.0787	0.1518	0.2329	0.3087	0.3860	0.4656	0.5343	0.5965	
η /(mPa s)	2.525	2.36	2.24	2.125	2.025	1.955	1.88	1.828	1.782	
w_1	0.6884	0.7660	0.8459	0.9204	1.0000					
η /(mPa s)	1.723	1.680	1.64	1.61	1.575					
T /°C = 50.0										13T1
w_2	0.000	0.324	0.589	0.795						
η /(mPa s)	3.20	3.825	4.362	5.01						

2281	C₆H₆O (1)	C₁₃H₁₃N (2)	phenol methyl-diphenyl-amine							108-95-2 552-82-9
T /°C = 9.8										16B1
w_1	0.0000	0.0492	0.0948	0.1718	0.2769	0.3992	0.4842	0.5687	0.6710	
η /(mPa s)	10.96	10.90	10.97	11.45	12.26	13.06	14.11	15.02	16.14	

w_1	0.7879	0.8930	1.0000						
$\eta /(\text{mPa s})$	17.52	18.77	20.10						
$T / ^\circ\text{C} = 20.1$									
									16B1
w_1	0.0000	0.0492	0.0948	0.1718	0.2769	0.3992	0.4842	0.5687	0.6710
$\eta /(\text{mPa s})$	7.22	7.08	7.15	7.30	7.64	7.98	8.45	8.85	9.35
w_1	0.7879	0.8930	1.0000						
$\eta /(\text{mPa s})$	9.95	10.48	11.04						
$T / ^\circ\text{C} = 30.0$									
									16B1
w_1	0.0000	0.0498	0.1021	0.2004	0.2534	0.4987	0.6212	0.7358	0.8222
$\eta /(\text{mPa s})$	5.13	5.10	5.13	5.19	5.42	5.70	5.97	6.26	6.50
w_1	0.9005	1.0000							
$\eta /(\text{mPa s})$	6.73	7.09							
$T / ^\circ\text{C} = 40.0$									
									16B1
w_1	0.0000	0.0498	0.1021	0.2004	0.2534	0.4987	0.6212	0.7358	0.8222
$\eta /(\text{mPa s})$	3.835	3.785	3.76	3.77	3.88	4.02	4.15	4.28	4.40
w_1	0.9005	1.0000							
$\eta /(\text{mPa s})$	4.51	4.74							
$T / ^\circ\text{C} = 60.0$									
									16B1
w_1	0.0000	0.0498	0.1021	0.2004	0.2534	0.4987	0.6212	0.7358	0.8222
$\eta /(\text{mPa s})$	2.480	2.435	2.40	2.37	2.375	2.395	2.415	2.445	2.47
w_1	0.9005	1.0000							
$\eta /(\text{mPa s})$	2.495	2.53							
$T / ^\circ\text{C} = 80.0$									
									16B1
w_1	0.0000	0.0498	0.1021	0.2004	0.2534	0.4987	0.6212	0.7358	0.8222
$\eta /(\text{mPa s})$	1.735	1.708	1.682	1.650	1.624	1.603	1.594	1.589	1.585
w_1	0.9005	1.0000							
$\eta /(\text{mPa s})$	1.586	1.585							
2282	C₆H₆O₂ (1)		benzene-1,2-diol						120-80-9
	C₆H₆O₂ (2)		benzene-1,3-diol						108-46-3
$T / ^\circ\text{C} = 110.0$									
									72N1
x_1	0.0000	0.1379	0.3071	0.4194	0.5307	0.6012	0.7345	0.8290	1.0000
$\eta /(\text{mPa s})$	8.59	7.11	5.71	4.96	4.33	4.00	3.42	3.09	2.58
$T / ^\circ\text{C} = 115.0$									
									72N1
x_1	0.0000	0.1379	0.3071	0.4194	0.5307	0.6012	0.7345	0.8290	1.0000
$\eta /(\text{mPa s})$	7.58	6.30	5.09	4.27	3.89	3.60	3.16	2.80	2.36
$T / ^\circ\text{C} = 120.0$									
									72N1
x_1	0.0000	0.1379	0.3071	0.4194	0.5307	0.6012	0.7345	0.8290	1.0000
$\eta /(\text{mPa s})$	6.42	5.33	4.43	3.89	3.44	3.20	2.79	2.54	2.18

$T/^\circ\text{C} = 110.0$										72N1
x_1	0.0000	0.1379	0.3071	0.4194	0.5307	0.6012	0.7345	0.8290	1.0000	
$v/(\text{mm}^2/\text{s})$	7.25	6.00	4.86	4.23	3.70	3.43	2.94	2.66	2.23	
$T/^\circ\text{C} = 115.0$										72N1
x_1	0.0000	0.1379	0.3071	0.4194	0.5307	0.6012	0.7345	0.8290	1.0000	
$v/(\text{mm}^2/\text{s})$	6.42	5.36	4.35	3.66	3.34	3.09	2.72	2.42	2.04	
$T/^\circ\text{C} = 120.0$										72N1
x_1	0.0000	0.1379	0.3071	0.4194	0.5307	0.6012	0.7345	0.8290	1.0000	
$v/(\text{mm}^2/\text{s})$	5.45	4.59	3.79	3.35	2.96	2.76	2.41	2.21	1.89	

2283 **C₆H₆O₂ (1)** **benzene-1,2-diol** **120-80-9**
C₆H₈N₂ (2) **benzene-1,2-diamine** **95-54-5**

$T/^\circ\text{C} = 110.0$										72N1
x_1	0.0000	0.1150	0.3204	0.4232	0.4875	0.6054	0.6708	0.8286	1.0000	
$\eta/(\text{mPa s})$	2.17	2.61	3.51	3.90	4.21	3.98	3.73	3.30	2.58	
$T/^\circ\text{C} = 115.0$										72N1
x_1	0.0000	0.1150	0.3204	0.4232	0.4875	0.6054	0.6708	0.8286	1.0000	
$\eta/(\text{mPa s})$	2.03	2.42	3.18	3.48	3.73	3.57	3.39	2.96	2.36	
$T/^\circ\text{C} = 120.0$										72N1
x_1	0.0000	0.1150	0.3204	0.4232	0.4875	0.6054	0.6708	0.8286	1.0000	
$\eta/(\text{mPa s})$	1.87	2.19	2.85	3.10	3.32	3.18	3.06	2.69	2.18	
$T/^\circ\text{C} = 110.0$										72N1
x_1	0.0000	0.1150	0.3204	0.4232	0.4875	0.6054	0.6708	0.8286	1.0000	
$v/(\text{mm}^2/\text{s})$	2.06	2.44	3.21	3.53	3.78	3.57	3.29	2.88	2.23	
$T/^\circ\text{C} = 115.0$										72N1
x_1	0.0000	0.1150	0.3204	0.4232	0.4875	0.6054	0.6708	0.8286	1.0000	
$v/(\text{mm}^2/\text{s})$	1.93	2.27	2.92	3.16	3.36	3.18	3.00	2.60	2.04	
$T/^\circ\text{C} = 120.0$										72N1
x_1	0.0000	0.1150	0.3204	0.4232	0.4875	0.6054	0.6708	0.8286	1.0000	
$v/(\text{mm}^2/\text{s})$	1.78	2.06	2.63	2.82	3.01	2.84	2.72	2.37	1.89	

2284 **C₆H₇N (1)** **aniline** **62-53-3**
C₆H₁₂ (2) **cyclohexane** **110-82-7**

$w_1 = 0.0000$										15D2
$T/^\circ\text{C}$	17.0	22.0	27.0	32.0	35.0					
$\eta/(\text{mPa s})$	1.03	0.93	0.86	0.79	0.75					
$w_1 = 0.2845$										15D2
$T/^\circ\text{C}$	30.6	31.0	33.0	35.0	37.0					

η /(mPa s)	1.07	1.03	0.98	0.93	0.89				
$w_1 = 0.4285$									15D2
$T/^\circ\text{C}$	31.0	32.5	34.0	36.0	37.0				
η /(mPa s)	1.52	1.28	1.15	1.06	1.04				
$w_1 = 0.4563$									15D2
$T/^\circ\text{C}$	31.5	32.5	36.0	37.0					
η /(mPa s)	1.42	1.30	1.14	1.11					
$w_1 = 0.5210$									15D2
$T/^\circ\text{C}$	29.6	31.0	32.0	35.0	37.0				
η /(mPa s)	1.66	1.47	1.40	1.27	1.22				
$w_1 = 0.5875$									15D2
$T/^\circ\text{C}$	31.6	31.9	32.4	33.6	36.5				
η /(mPa s)	1.51	1.48	1.44	1.39	1.27				
$w_1 = 0.7278$									15D2
$T/^\circ\text{C}$	27.9	30.0	33.0	36.0					
η /(mPa s)	1.90	1.79	1.65	1.53					
$w_1 = 1.0000$									15D2
$T/^\circ\text{C}$	19.0	23.0	26.0	29.0	32.0	35.5			
η /(mPa s)	4.46	3.87	3.52	3.21	2.93	2.86			

2285 **C₆H₇N (1)** **2-methyl-pyridine** **109-06-8**
C₆H₁₂ (2) **cyclohexane** **110-82-7**

$T/\text{K} = 298.15$									93B2
x_2	0.0997	0.1992	0.2999	0.3982	0.4989	0.5983	0.6988	0.7981	0.8986
η^E /(mPa s)	-0.0429	-0.0735	-0.1046	-0.1262	-0.1403	-0.1467	-0.1411	-0.1238	-0.079
$T/\text{K} = 313.15$									93B2
x_2	0.0957	0.2031	0.2993	0.4020	0.5083	0.6041	0.6996	0.8003	0.9002
η^E /(mPa s)	-0.0270	-0.0532	-0.0725	-0.0875	-0.0976	-0.1006	-0.0967	-0.0831	-0.053

2286 **C₆H₇N (1)** **3-methyl-pyridine** **108-99-6**
C₆H₁₂ (2) **cyclohexane** **110-82-7**

$T/\text{K} = 298.15$									93B2
x_2	0.1037	0.2009	0.2992	0.3998	0.5014	0.5980	0.6980	0.7990	0.8984
η^E /(mPa s)	-0.0408	-0.0704	-0.0967	-0.1163	-0.1270	-0.1312	-0.1270	-0.1089	-0.073
$T/\text{K} = 313.15$									93B2
x_2	0.0971	0.2024	0.2959	0.3993	0.5003	0.6044	0.6976	0.7959	0.9005
η^E /(mPa s)	-0.0261	-0.0495	-0.0653	-0.0790	-0.0867	-0.0893	-0.0865	-0.0741	-0.047

2287	C₆H₇N (1) C₆H₁₂ (2)	4-methyl-pyridine cyclohexane								108-89-4 110-82-7
<i>T</i> /K = 298.15										
<i>x</i> ₂	0.1011	0.1974	0.2990	0.3993	0.4994	0.5991	0.6970	0.7990	0.8981	
η^E /(mPa s)	-0.0379	-0.0686	-0.0938	-0.1096	-0.1201	-0.1261	-0.1216	-0.1038	-0.072	
<i>T</i> /K = 313.15										
<i>x</i> ₂	0.0956	0.2026	0.2978	0.3997	0.4996	0.6019	0.7000	0.7974	0.8998	
η^E /(mPa s)	-0.0244	-0.0478	-0.0642	-0.0765	-0.0834	-0.0857	-0.0815	-0.0714	-0.046	
2288	C₆H₇N (1) C₆H₁₄O₂ (2)	aniline 2-butoxy-ethanol								62-53-3 111-76-2
<i>T</i> /K = 298.15										
<i>x</i> ₂	0.0000	0.0995	0.1968	0.2548	0.3024	0.3953	0.4355	0.5146	0.5909	
η /(mPa s)	3.694	3.539	3.471	3.448	3.429	3.397	3.390	3.350	3.310	
<i>x</i> ₂	0.6936	0.8002	0.8933	1.0000						
η /(mPa s)	3.219	3.100	2.974	2.786						
<i>T</i> /K = 303.15										
<i>x</i> ₂	0.0000	0.0995	0.1968	0.2548	0.3024	0.3953	0.4355	0.5146	0.5909	
η /(mPa s)	3.111	2.974	2.915	2.887	2.886	2.860	2.854	2.833	2.805	
<i>x</i> ₂	0.6936	0.8002	0.8933	1.0000						
η /(mPa s)	2.731	2.588	2.545	2.403						
<i>T</i> /K = 308.15										
<i>x</i> ₂	0.0000	0.0995	0.1968	0.2548	0.3024	0.3953	0.4355	0.5146	0.5909	
η /(mPa s)	2.691	2.573	2.528	2.512	2.507	2.482	2.477	2.463	2.438	
<i>x</i> ₂	0.6936	0.8002	0.8933	1.0000						
η /(mPa s)	2.381	2.332	2.259	2.115						
<i>T</i> /K = 313.15										
<i>x</i> ₂	0.0000	0.0995	0.1968	0.2548	0.3024	0.3953	0.4355	0.5146	0.5909	
η /(mPa s)	2.338	2.238	2.189	2.184	2.160	2.145	2.143	2.123	2.108	
<i>x</i> ₂	0.6936	0.8002	0.8933	1.0000						
η /(mPa s)	2.070	2.020	1.962	1.867						
<i>T</i> /K = 318.15										
<i>x</i> ₂	0.0000	0.0995	0.1968	0.2548	0.3024	0.3953	0.4355	0.5146	0.5909	
η /(mPa s)	2.054	1.967	1.929	1.922	1.905	1.893	1.892	1.875	1.856	
<i>x</i> ₂	0.6936	0.8002	0.8933	1.0000						
η /(mPa s)	1.827	1.787	1.742	1.657						
2289	C₆H₇N (1) C₇H₈ (2)	aniline toluene								62-53-3 108-88-3

$T/K = 308.15$									90S4
x_1	0.1155	0.2298	0.3224	0.4199	0.5446	0.6191	0.6900	0.7815	0.8350
$\eta /(\text{mPa s})$	0.5602	0.7052	0.7335	0.8736	1.0395	1.1895	1.3912	1.6470	1.8906
$T/^\circ\text{C} = 25.0$									88S2
x_1	0.0782	0.1044	0.1171	0.2015	0.3138	0.4035	0.4989	0.6609	0.7480
$\eta /(\text{mPa s})$	0.614	0.632	0.646	0.717	0.841	0.984	1.147	1.573	1.887
x_1	0.8288	0.8489							
$\eta /(\text{mPa s})$	2.286	2.417							
$T/^\circ\text{C} = 35.0$									88S2
x_1	0.0782	0.1044	0.1171	0.2015	0.3138	0.4035	0.4989	0.6609	0.7480
$\eta /(\text{mPa s})$	0.543	0.557	0.565	0.621	0.720	0.832	0.959	1.278	1.491
x_1	0.8288	0.8489							
$\eta /(\text{mPa s})$	1.778	1.857							
$T/^\circ\text{C} = 45.0$									88S2
x_1	0.0782	0.1044	0.1171	0.2015	0.3138	0.4035	0.4989	0.6609	0.7480
$\eta /(\text{mPa s})$	0.483	0.493	0.499	0.544	0.620	0.713	0.800	1.044	1.201
x_1	0.8288	0.8489							
$\eta /(\text{mPa s})$	1.408	1.468							
$T/^\circ\text{C} = 25.0$									72K1
x_1	0.00000	0.09770	0.19802	0.30038	0.39168	0.49932	0.60028	0.69777	
$\eta /(\text{mPa s})$	0.557	0.620	0.701	0.814	0.940	1.146	1.406	1.723	
x_1	0.80091	0.89980	1.00000						
$\eta /(\text{mPa s})$	2.199	2.822	3.773						
$T/^\circ\text{C} = 25.0$									71K1
x_1	0.00000	0.09770	0.19802	0.30038	0.39168	0.49932	0.60028	0.69777	
$\eta /(\text{mPa s})$	0.557	0.620	0.701	0.814	0.940	1.146	1.406	1.723	
x_1	0.80091	0.89980	1.00000						
$\eta /(\text{mPa s})$	2.299	2.822	3.773						
$T/^\circ\text{C} = 30.0$									71K1
x_1	0.00000	0.09770	0.19802	0.30038	0.39168	0.49932	0.60028	0.69777	
$\eta /(\text{mPa s})$	0.524	0.576	0.653	0.752	0.867	1.074	1.253	1.522	
x_1	0.80091	0.89980	1.00000						
$\eta /(\text{mPa s})$	1.907	2.423	3.184						
$T/^\circ\text{C} = 35.0$									71K1
x_1	0.00000	0.09770	0.19802	0.30038	0.39168	0.49932	0.60028	0.69777	
$\eta /(\text{mPa s})$	0.501	0.545	0.615	0.720	0.803	0.954	1.139	1.367	
x_1	0.80091	0.89980	1.00000						
$\eta /(\text{mPa s})$	1.696	2.122	2.748						

$T/^\circ\text{C} = 40.0$									71K1
x_1	0.00000	0.09770	0.19802	0.30038	0.39168	0.49932	0.60028	0.69777	
$\eta/(\text{mPa s})$	0.470	0.495	0.570	0.650	0.740	0.872	1.030	1.216	
x_1	0.80091	0.89980	1.00000						
$\eta/(\text{mPa s})$	1.486	1.863	2.345						
2290	C₆H₇N (1) C₇H₈ (2)		2-methyl-pyridine toluene						109-06-8 108-88-3
$T/^\circ\text{C} = 20.0$									56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta/(\text{mPa s})$	0.808	0.760	0.714	0.668	0.624	0.584			
$T/^\circ\text{C} = 40.0$									56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta/(\text{mPa s})$	0.628	0.593	0.558	0.525	0.494	0.466			
$T/^\circ\text{C} = 60.0$									56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0			
$\eta/(\text{mPa s})$	0.502	0.476	0.450	0.425	0.402	0.382			
2291	C₆H₇N (1) C₇H₈O (2)		aniline 3-methyl-phenol						62-53-3 108-39-4
$T/^\circ\text{C} = 25.0$									09T1
x_2	0.000	0.300	0.374	0.461	0.549	0.631	0.778	1.000	
$\eta/(\text{mPa s})$	3.721	6.799	8.194	9.622	11.12	12.20	12.31	12.91	
2292	C₆H₇N (1) C₇H₈O (2)		aniline 4-methyl-phenol						62-53-3 106-44-5
$T/^\circ\text{C} = 30.0$									13T1
w_2	0.000	0.300	0.536	0.627	0.795	0.900			
$\eta/(\text{mPa s})$	3.62	6.95	10.7	12.4	14.4	14.5			
$T/^\circ\text{C} = 50.0$									13T1
w_2	0.000	0.300	0.536	0.627	0.795	0.900	1.000		
$\eta/(\text{mPa s})$	2.01	2.93	3.975	4.26	4.62	4.71	4.62		
2293	C₆H₇N (1) C₇H₈O₂ (2)		aniline 2-methoxy-phenol						62-53-3 90-05-1
$T/^\circ\text{C} = 30.0$									29P1
x_1	0.00	0.10	0.20	0.30	0.35	0.40	0.45	0.50	0.55
$\eta/(\text{mPa s})$	4.45	4.74	4.90	5.11	5.15	5.23	5.12	5.09	4.94

x_1	0.60	0.70	0.80	0.90	1.00
η /(mPa s)	4.86	4.58	4.23	3.61	3.04

2294	C₆H₇N (1)		aniline						
	C₇H₉NO (2)		4-methoxy-aniline						62-53-3
									104-94-9
$T/K = 303.15$									
									86G4
x_2	0.0000	0.0999	0.2000	0.3000	0.4000	0.5000			
η /(mPa s)	3.202	3.479	3.780	4.095	4.407	4.785			
$T/K = 308.15$									
									86G4
x_2	0.0000	0.0999	0.2000	0.3000	0.4000	0.5000			
η /(mPa s)	2.740	2.995	3.252	3.505	3.765	4.054			
$T/K = 313.15$									
									86G4
x_2	0.0000	0.0999	0.2000	0.3000	0.4000	0.5000	0.6000		
η /(mPa s)	2.428	2.617	2.816	3.042	3.252	3.487	3.739		
$T/K = 318.15$									
									86G4
x_2	0.0000	0.0999	0.2000	0.3000	0.4000	0.5000	0.6000	0.7001	0.8001
η /(mPa s)	2.137	2.354	2.481	2.658	2.833	3.042	3.239	3.528	3.769
x_2	0.9000								
η /(mPa s)	3.922								
$T/K = 323.15$									
									86G4
x_2	0.0000	0.0999	0.2000	0.3000	0.4000	0.5000	0.6000	0.7001	0.8001
η /(mPa s)	1.913	2.112	2.182	2.342	2.495	2.669	2.833	3.093	3.273
x_2	0.9000								
η /(mPa s)	3.381								
$T/K = 328.15$									
									86G4
x_2	0.0000	0.0999	0.2000	0.3000	0.4000	0.5000	0.6000	0.7001	0.8001
η /(mPa s)	1.720	1.843	1.958	2.099	2.223	2.384	2.511	2.766	2.894
x_2	0.9000								
η /(mPa s)	2.978								
$T/K = 333.15$									
									86G4
x_2	0.0000	0.0999	0.2000	0.3000	0.4000	0.5000	0.6000	0.7001	0.8001
η /(mPa s)	1.548	1.658	1.762	1.882	1.995	2.124	2.241	2.502	2.564
x_2	0.9000	1.0000							
η /(mPa s)	2.636	2.783							
$T/K = 338.15$									
									86G4
x_2	0.0000	0.0999	0.2000	0.3000	0.4000	0.5000	0.6000	0.7001	0.8001
η /(mPa s)	1.406	1.504	1.592	1.700	1.808	1.904	2.011	2.172	2.283
x_2	0.9000	1.0000							
η /(mPa s)	2.322	2.476							

$T/K = 343.15$										86G4
x_2	0.0000	0.0999	0.2000	0.3000	0.4000	0.5000	0.6000	0.7001	0.8001	
$\eta/(mPa\ s)$	1.282	1.365	1.448	1.542	1.626	1.739	1.812	1.958	2.059	
x_2	0.9000	1.0000								
$\eta/(mPa\ s)$	2.119	2.221								
2295	C₆H₇N (1) C₈H₁₀ (2)		aniline 1,3-dimethyl-benzene							62-53-3 108-38-3
$T/K = 308.15$										90S4
x_1	0.1334	0.2098	0.3122	0.3749	0.4097	0.5801	0.5998	0.6985	0.8002	
$\eta/(mPa\ s)$	0.6816	0.6599	0.7399	0.7909	0.8308	1.0715	1.1172	1.3421	1.6905	
x_1	0.8780									
$\eta/(mPa\ s)$	1.9317									
2296	C₆H₇N (1) C₈H₁₀ (2)		aniline 1,4-dimethyl-benzene							62-53-3 106-42-3
$T/K = 308.15$										90S4
x_1	0.0960	0.1806	0.2522	0.3315	0.4198	0.4802	0.5474	0.6373	0.6484	
$\eta/(mPa\ s)$	0.5889	0.6346	0.6784	0.7765	0.8499	0.9407	1.0476	1.2013	1.2566	
x_1	0.7383	0.8200	0.8796							
$\eta/(mPa\ s)$	1.5154	1.8057	2.0665							
2297	C₆H₇N (1) C₈H₁₀O (2)		aniline ethoxybenzene							62-53-3 103-73-1
$T/^\circ C = 0.0$										16B1
w_1	0.0000	0.1151	0.2346	0.3431	0.4534	0.5632	0.6770	0.7825	0.8826	
$\eta/(mPa\ s)$	1.860	2.265	2.720	3.205	3.790	4.51	5.48	6.55	7.99	
w_1	1.0000									
$\eta/(mPa\ s)$	10.05									
$T/^\circ C = 9.9$										16B1
w_1	0.0000	0.1151	0.2346	0.3431	0.4534	0.5632	0.6770	0.7825	0.8826	
$\eta/(mPa\ s)$	1.530	1.780	2.075	2.385	2.760	3.21	3.75	4.43	5.23	
w_1	1.0000									
$\eta/(mPa\ s)$	6.31									
$T/^\circ C = 20.2$										16B1
w_1	0.0000	0.1151	0.2346	0.3431	0.4534	0.5632	0.6770	0.7825	0.8826	
$\eta/(mPa\ s)$	1.240	1.428	1.630	1.840	2.100	2.39	2.75	3.17	3.64	
w_1	1.0000									
$\eta/(mPa\ s)$	4.26									

$T/^\circ\text{C} = 29.6$									16B1
w_1	0.0000	0.1151	0.2346	0.3431	0.4534	0.5632	0.6770	0.7825	0.8826
$\eta/(\text{mPa s})$	1.030	1.169	1.335	1.495	1.670	1.870	2.115	2.380	2.700
w_1	1.0000								
$\eta/(\text{mPa s})$	3.150								
$T/^\circ\text{C} = 40.0$									16B1
w_1	0.0000	0.1151	0.2346	0.3431	0.4534	0.5632	0.6770	0.7825	0.8826
$\eta/(\text{mPa s})$	0.875	0.982	1.106	1.225	1.355	1.500	1.675	1.865	2.080
w_1	1.0000								
$\eta/(\text{mPa s})$	2.405								
$T/^\circ\text{C} = 60.0$									16B1
w_1	0.0000	0.1151	0.2346	0.3431	0.4534	0.5632	0.6770	0.7825	0.8826
$\eta/(\text{mPa s})$	0.687	0.753	0.826	0.896	0.977	1.065	1.171	1.280	1.395
w_1	1.0000								
$\eta/(\text{mPa s})$	1.545								
$T/^\circ\text{C} = 80.0$									16B1
w_1	0.0000	0.1151	0.2346	0.3431	0.4534	0.5632	0.6770	0.7825	0.8826
$\eta/(\text{mPa s})$	0.558	0.603	0.659	0.706	0.758	0.814	0.877	0.944	1.013
w_1	1.0000								
$\eta/(\text{mPa s})$	1.100								

2298 **C₆H₇N (1)** **aniline** **62-53-3**
C₈H₁₁N (2) **N,N-dimethyl-aniline** **121-69-7**

$x_1 = 0.0000$								57D1
$T/^\circ\text{C}$	10.0	15.0	20.0	25.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.6744	1.5200	1.3900	1.2650	1.1749	0.9833	0.8278	
$x_1 = 0.1048$								57D1
$T/^\circ\text{C}$	5.0	10.0	15.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	2.0539	1.8426	1.6625	1.5004	1.2465	1.0463	0.8801	
$x_1 = 0.3531$								57D1
$T/^\circ\text{C}$	5.0	10.0	15.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	2.7415	2.4070	2.1350	1.8763	1.5260	1.2360	0.9994	
$x_1 = 0.6432$								57D1
$T/^\circ\text{C}$	5.0	10.0	15.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	4.1642	3.5697	3.0849	2.6447	2.0207	1.5586	1.2331	

2299 **C₆H₇N (1)** **3-methyl-pyridine** **108-99-6**
C₈H₁₃N (2) **3-ethyl-2,4-dimethyl-1H-pyrrole** **517-22-6**

$T/^\circ\text{C} = 20.0$										38D1
x_1	0.00	0.30	0.50	0.70	1.00					
$\eta/(\text{mPa s})$	14.05	9.05	6.20	3.983	0.893					
2300	C₆H₇N (1) C₉H₁₀O₂ (2)		aniline acetic acid benzyl ester							62-53-3 140-11-4
$T/^\circ\text{C} = 30.0$										64K2
x_2	0.000	0.125	0.300	0.435	0.495	0.605	0.750	0.850	1.000	
$\eta/(\text{mPa s})$	3.1457	2.9100	2.6000	2.3836	2.2845	2.1235	1.9285	1.8095	1.6524	
2301	C₆H₇N (1) C₁₂H₁₁N (2)		aniline diphenylamine							62-53-3 122-39-4
$T/^\circ\text{C} = 60.0$										54K1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	3.433	3.015	2.727	2.475	2.272	2.111	1.908	1.700	1.553	
x_1	0.90	1.00								
$\eta/(\text{mPa s})$	1.411	1.318								
$T/^\circ\text{C} = 90.0$										54K1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
$\eta/(\text{mPa s})$	1.383	1.192	1.085	1.014	0.951	0.908	0.852	0.805	0.734	
x_1	0.90	1.00								
$\eta/(\text{mPa s})$	0.687	0.667								
2302	C₆H₈N₂ (1) C₇H₈O₂ (2)		phenylhydrazine 2-methoxy-phenol							100-63-0 90-05-1
$T/^\circ\text{C} = 30.0$										29P1
x_1	0.00	0.10	0.20	0.30	0.40	0.45	0.50	0.60	0.667	
$\eta/(\text{mPa s})$	4.45	5.95	8.21	10.92	13.15	14.65	15.26	15.77	16.06	
x_1	0.70	0.80	0.90	1.00						
$\eta/(\text{mPa s})$	15.54	14.08	12.33	10.09						
2303	C₆H₈N₂ (1) C₆H₁₂O₂ (2)		hexanedinitrile acetic acid butyl ester							111-69-3 123-86-4
$T/\text{K} = 298.15$										95O1
x_1	0.0000	0.0984	0.3003	0.3857	0.4963	0.5929	0.6974	0.8455	1.0000	
$\eta/(\text{mPa s})$	0.6438	0.7145	1.0524	1.2806	1.6628	2.0819	2.6307	3.6102	4.9049	
2304	C₆H₉N (1)		2,4-dimethyl-1H-pyrrole							625-82-1

	C₇H₉N (2)		benzylamine				100-46-9			
<i>T</i> /°C = 20.0										38D1
<i>x</i> ₂	0.00	0.20	0.30	0.50	0.70	1.00				
<i>η</i> /(mPa s)	3.565	3.693	3.722	3.288	2.549	1.835				
2305	C₆H₉N (1) C₁₀H₁₄N₂ (2)		2,4-dimethyl-1H-pyrrole (S)-(-)-nicotine				625-82-1 54-11-5			
<i>T</i> /°C = 20.0										38D1
<i>x</i> ₂	0.00	20.0	0.333	0.40	0.50	0.60	0.80	1.00		
<i>η</i> /(mPa s)	3.565	6.483	8.186	7.808	7.087	6.743	5.527	4.438		
2306	C₆H₁₀ (1) C₆H₁₂ (2)		cyclohexene cyclohexane				110-83-8 110-82-7			
<i>T</i> /K = 303.15										90S1
<i>x</i> ₁	0.0000	0.1133	0.2435	0.3293	0.3919	0.4866	0.5820	0.7181	0.8663	
<i>η</i> /(mPa s)	0.799	0.772	0.745	0.725	0.720	0.684	0.678	0.654	0.620	
<i>x</i> ₁	1.0000									
<i>η</i> /(mPa s)	0.573									
2307	C₆H₁₀ (1) C₆H₁₄ (2)		cyclohexene hexane				110-83-8 110-54-3			
<i>T</i> /K = 303.15										90S1
<i>x</i> ₁	0.0000	0.1718	0.2792	0.3914	0.5249	0.5946	0.6859	0.8067	0.9032	
<i>η</i> /(mPa s)	0.320	0.348	0.365	0.387	0.418	0.438	0.464	0.503	0.536	
<i>x</i> ₁	1.0000									
<i>η</i> /(mPa s)	0.573									
2308	C₆H₁₀O (1) C₆H₁₂ (2)		cyclohexanone cyclohexane				108-94-1 110-82-7			
<i>T</i> /K = 303.15										98N1
<i>x</i> ₁	0.0000	0.0445	0.1000	0.1508	0.2042	0.2505	0.3004	0.3459	0.3979	
<i>v</i> /(mm ² /s)	1.067	1.082	1.112	1.134	1.167	1.196	1.225	1.252	1.288	
<i>x</i> ₁	0.4480	0.5032	0.5707	0.6184	0.6704	0.7163	0.7673	0.8206	0.8649	
<i>v</i> /(mm ² /s)	1.332	1.372	1.433	1.475	1.534	1.580	1.630	1.698	1.745	
<i>x</i> ₁	0.9158	0.9624	1.0000							
<i>v</i> /(mm ² /s)	1.816	1.876	1.925							
2309	C₆H₁₀O (1)		cyclohexanone				108-94-1			

	C₆H₁₂O (2)		cyclohexanol							108-93-0
$T/^\circ\text{C} = 25.0$										49H1
w_2	0.00	0.20	0.334	0.40	0.50	0.605	0.665	0.80	1.000	
$\eta/(\text{mPa s})$	1.85	2.38	3.02	3.54	4.54	6.29	7.86	13.85	46.0	
2310	C₆H₁₀O (1)		cyclohexanone							108-94-1
	C₆H₁₂O (2)		4-methyl-pentan-2-one							108-10-1
$T/\text{K} = 298.15$										90F1
x_2	0.0000	0.1218	0.2067	0.3146	0.3931	0.5340	0.6373	0.7694	0.8880	
$\eta/(\text{mPa s})$	1.994	1.580	1.371	1.163	1.037	0.872	0.773	0.672	0.599	
x_2	1.0000									
$\eta/(\text{mPa s})$	0.541									
2311	C₆H₁₀O (1)		cyclohexanone							108-94-1
	C₆H₁₄ (2)		hexane							110-54-3
$T/\text{K} = 298.15$										99A5
x_1	0.0000	0.1011	0.2012	0.3052	0.4029	0.5011	0.6043	0.7032	0.8003	
$\eta/(\text{mPa s})$	0.302	0.335	0.381	0.445	0.514	0.607	0.732	0.898	1.131	
x_1	0.8989	1.0000								
$\eta/(\text{mPa s})$	1.441	2.229								
$T/\text{K} = 303.15$										99A5
x_1	0.0000	0.1011	0.2012	0.3052	0.4029	0.5011	0.6043	0.7032	0.8003	
$\eta/(\text{mPa s})$	0.287	0.318	0.361	0.418	0.483	0.570	0.684	0.834	1.033	
x_1	0.8989	1.0000								
$\eta/(\text{mPa s})$	1.322	1.799								
$T/\text{K} = 308.15$										99A5
x_1	0.0000	0.1011	0.2012	0.3052	0.4029	0.5011	0.6043	0.7032	0.8003	
$\eta/(\text{mPa s})$	0.274	0.305	0.343	0.396	0.458	0.537	0.641	0.779	0.961	
x_1	0.8989	1.0000								
$\eta/(\text{mPa s})$	1.220	1.635								
$T/\text{K} = 298.15$										88R3
x_1	0.0000	0.0863	0.2109	0.3038	0.4007	0.4630	0.6023	0.6701	0.7991	
$\eta/(\text{mPa s})$	0.327	0.364	0.421	0.474	0.542	0.598	0.773	0.883	1.185	
x_1	0.8720	1.0000								
$\eta/(\text{mPa s})$	1.398	1.819								
2312	C₆H₁₀O (1)		cyclohexanone							108-94-1
	C₆H₁₄O (2)		hexan-1-ol							111-27-3

$T/^\circ\text{C} = 30.0$									77R1
x_1	0.0000	0.1001	0.2599	0.4199	0.5798	0.7404	0.8990	1.0000	
$\eta/(\text{mPa s})$	3.818	3.014	2.391	2.008	1.861	1.738	1.707	1.778	
2313	C₆H₁₀O (1) C₇H₈ (2)	cyclohexanone toluene						108-94-1 108-88-3	
$T/\text{K} = 298.15$									99A7
x_1	0.0000	0.1032	0.1997	0.3024	0.4055	0.5040	0.6020	0.7012	0.7999
$\eta/(\text{mPa s})$	0.559	0.610	0.668	0.738	0.824	0.922	1.043	1.194	1.391
x_1	0.9027	1.0000							
$\eta/(\text{mPa s})$	1.654	2.229							
$T/\text{K} = 303.15$									99A7
x_1	0.0000	0.1032	0.1997	0.3024	0.4055	0.5040	0.6020	0.7012	0.7999
$\eta/(\text{mPa s})$	0.526	0.573	0.625	0.689	0.767	0.854	0.972	1.103	1.273
x_1	0.9027	1.0000							
$\eta/(\text{mPa s})$	1.505	1.799							
$T/\text{K} = 308.15$									99A7
x_1	0.0000	0.1032	0.1997	0.3024	0.4055	0.5040	0.6020	0.7012	0.7999
$\eta/(\text{mPa s})$	0.498	0.543	0.590	0.648	0.721	0.799	0.903	1.020	1.183
x_1	0.9027	1.0000							
$\eta/(\text{mPa s})$	1.382	1.635							
$T/\text{K} = 298.15$									88R3
x_1	0.0000	0.1059	0.2177	0.3103	0.4166	0.5047	0.6049	0.7171	0.7943
$\eta/(\text{mPa s})$	0.561	0.615	0.682	0.740	0.829	0.884	0.971	1.218	1.333
x_1	0.9041	1.0000							
$\eta/(\text{mPa s})$	1.574	1.819							
2314	C₆H₁₀O (1) C₇H₈O (2)	cyclohexanone methoxybenzene						108-94-1 100-66-3	
$T/\text{K} = 298.15$									99A7
x_1	0.0000	0.1002	0.2031	0.3030	0.4020	0.5032	0.6017	0.7000	0.7976
$\eta/(\text{mPa s})$	1.017	1.048	1.096	1.131	1.194	1.245	1.331	1.440	1.558
x_1	0.8978	1.0000							
$\eta/(\text{mPa s})$	1.732	2.229							
$T/\text{K} = 303.15$									99A7
x_1	0.0000	0.1002	0.2031	0.3030	0.4020	0.5032	0.6017	0.7000	0.7976
$\eta/(\text{mPa s})$	0.941	0.968	1.004	1.044	1.092	1.151	1.220	1.304	1.421
x_1	0.8978	1.0000							

η /(mPa s)	1.578	1.799							
T /K = 308.15									99A7
x_1	0.0000	0.1002	0.2031	0.3030	0.4020	0.5032	0.6017	0.7000	0.7976
η /(mPa s)	0.874	0.905	0.930	0.966	1.012	1.060	1.127	1.207	1.306
x_1	0.8978	1.0000							
η /(mPa s)	1.444	1.635							

2315 **C₆H₁₀O (1)** **cyclohexanone** **108-94-1**
C₇H₁₆ (2) **heptane** **142-82-5**

T /K = 298.15									99A5
x_1	0.0000	0.1046	0.2024	0.3035	0.4016	0.5025	0.5993	0.7026	0.8009
η /(mPa s)	0.392	0.427	0.472	0.529	0.606	0.690	0.805	0.960	1.178
x_1	0.9009	1.0000							
η /(mPa s)	1.474	2.229							
T /K = 303.15									99A5
x_1	0.0000	0.1046	0.2024	0.3035	0.4016	0.5025	0.5993	0.7026	0.8009
η /(mPa s)	0.372	0.403	0.445	0.497	0.564	0.644	0.750	0.893	1.085
x_1	0.9009	1.0000							
η /(mPa s)	1.349	1.799							
T /K = 308.15									99A5
x_1	0.0000	0.1046	0.2024	0.3035	0.4016	0.5025	0.5993	0.7026	0.8009
η /(mPa s)	0.354	0.384	0.421	0.470	0.530	0.605	0.701	0.828	1.004
x_1	0.9009	1.0000							
η /(mPa s)	1.235	1.635							
T /K = 298.15									88R3
x_1	0.0000	0.1125	0.2097	0.3055	0.4144	0.5033	0.5928	0.7027	0.8091
η /(mPa s)	0.393	0.437	0.484	0.539	0.616	0.702	0.803	0.970	1.184
x_1	0.8686	1.0000							
η /(mPa s)	1.340	1.819							

2316 **C₆H₁₀O (1)** **cyclohexanone** **108-94-1**
C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

T /K = 298.15									99A7
x_1	0.0000	0.1013	0.2048	0.3016	0.4023	0.5186	0.6081	0.7034	0.7967
η /(mPa s)	0.610	0.655	0.702	0.762	0.834	0.938	1.040	1.194	1.350
x_1	0.9005	1.0000							
η /(mPa s)	1.617	2.229							
T /K = 303.15									99A7

x_1	0.0000	0.1013	0.2048	0.3016	0.4023	0.5186	0.6081	0.7034	0.7967
η /(mPa s)	0.570	0.612	0.657	0.711	0.777	0.871	0.965	1.088	1.237
x_1	0.9005	1.0000							
η /(mPa s)	1.481	1.799							
T /K = 308.15									99A7
x_1	0.0000	0.1013	0.2048	0.3016	0.4023	0.5186	0.6081	0.7034	0.7967
η /(mPa s)	0.539	0.574	0.618	0.667	0.728	0.819	0.897	1.010	1.144
x_1	0.9005	1.0000							
η /(mPa s)	1.354	1.635							

2317	C₆H₁₀O (1) C₈H₁₈ (2)		cyclohexanone octane						108-94-1 111-65-9
T /K = 298.15									99A5
x_1	0.0000	0.0981	0.2053	0.3022	0.4042	0.5032	0.6030	0.7025	0.8021
η /(mPa s)	0.508	0.537	0.583	0.635	0.706	0.787	0.895	1.039	1.264
x_1	0.8984	1.0000							
η /(mPa s)	1.508	2.229							
T /K = 303.15									99A5
x_1	0.0000	0.0981	0.2053	0.3022	0.4042	0.5032	0.6030	0.7025	0.8021
η /(mPa s)	0.479	0.505	0.547	0.595	0.658	0.733	0.831	0.960	1.165
x_1	0.8984	1.0000							
η /(mPa s)	1.380	1.799							
T /K = 308.15									99A5
x_1	0.0000	0.0981	0.2053	0.3022	0.4042	0.5032	0.6030	0.7025	0.8021
η /(mPa s)	0.453	0.479	0.516	0.559	0.618	0.686	0.774	0.894	1.054
x_1	0.8984	1.0000							
η /(mPa s)	1.271	1.635							

2318	C₆H₁₀O (1) C₈H₁₈ (2)		cyclohexanone 2,2,4-trimethyl-pentane						108-94-1 540-84-1
T /K = 298.15									99A5
x_1	0.0000	0.1030	0.2023	0.3000	0.4044	0.5041	0.6035	0.7029	0.8014
η /(mPa s)	0.492	0.514	0.563	0.626	0.717	0.808	0.932	1.104	1.309
x_1	0.9008	1.0000							
η /(mPa s)	1.580	2.229							
T /K = 303.15									99A5
x_1	0.0000	0.1030	0.2023	0.3000	0.4044	0.5041	0.6035	0.7029	0.8014
η /(mPa s)	0.466	0.485	0.530	0.589	0.667	0.751	0.865	1.016	1.199
x_1	0.9008	1.0000							

η /(mPa s)	1.440	1.799							
T /K = 308.15									99A5
x_1	0.0000	0.1030	0.2023	0.3000	0.4044	0.5041	0.6035	0.7029	0.8014
η /(mPa s)	0.441	0.458	0.501	0.556	0.623	0.702	0.805	0.953	1.106
x_1	0.9008	1.0000							
η /(mPa s)	1.322	1.635							
T /K = 298.15									88R3
x_1	0.0000	0.1270	0.1855	0.3071	0.4354	0.5171	0.6149	0.7054	0.7982
η /(mPa s)	0.496	0.551	0.575	0.643	0.741	0.836	0.969	1.114	1.317
x_1	0.8836	1.0000							
η /(mPa s)	1.526	1.819							
2319	C₆H₁₀O (1) C₉H₁₂ (2)	cyclohexanone 1,3,5-trimethyl-benzene							108-94-1 108-67-8
T /K = 298.15									99A7
x_1	0.0000	0.0996	0.1988	0.3039	0.4042	0.5038	0.6020	0.7001	0.8014
η /(mPa s)	0.658	0.702	0.750	0.810	0.882	0.965	1.067	1.193	1.375
x_1	0.8988	1.0000							
η /(mPa s)	1.607	2.229							
T /K = 303.15									99A7
x_1	0.0000	0.0996	0.1988	0.3039	0.4042	0.5038	0.6020	0.7001	0.8014
η /(mPa s)	0.619	0.657	0.702	0.755	0.819	0.896	0.987	1.115	1.258
x_1	0.8988	1.0000							
η /(mPa s)	1.484	1.799							
T /K = 308.15									99A7
x_1	0.0000	0.0996	0.1988	0.3039	0.4042	0.5038	0.6020	0.7001	0.8014
η /(mPa s)	0.585	0.619	0.659	0.706	0.765	0.835	0.915	1.027	1.168
x_1	0.8988	1.0000							
η /(mPa s)	1.373	1.635							
2320	C₆H₁₀O (1) C₉H₂₀ (2)	cyclohexanone nonane							108-94-1 111-84-2
T /K = 298.15									99A5
x_1	0.0000	0.0999	0.1981	0.3012	0.4032	0.4987	0.6007	0.6942	0.7981
η /(mPa s)	0.661	0.683	0.726	0.772	0.833	0.909	1.022	1.134	1.321
x_1	0.9006	1.0000							
η /(mPa s)	1.544	2.229							
T /K = 303.15									99A5

x_1	0.0000	0.0999	0.1981	0.3012	0.4032	0.4987	0.6007	0.6942	0.7981
$\eta /(\text{mPa s})$	0.618	0.639	0.675	0.718	0.775	0.842	0.936	1.043	1.210
x_1	0.9006	1.0000							
$\eta /(\text{mPa s})$	1.410	1.799							
$T/\text{K} = 308.15$									99A5
x_1	0.0000	0.0999	0.1981	0.3012	0.4032	0.4987	0.6007	0.6942	0.7981
$\eta /(\text{mPa s})$	0.581	0.600	0.632	0.672	0.723	0.784	0.869	0.967	1.116
x_1	0.9006	1.0000							
$\eta /(\text{mPa s})$	1.294	1.635							
2321	C₆H₁₀O (1) C₁₀H₂₂ (2)		cyclohexanone decane						108-94-1 124-18-5
$T/\text{K} = 298.15$									99A5
x_1	0.0000	0.1023	0.2073	0.3011	0.4017	0.5042	0.6034	0.7030	0.8000
$\eta /(\text{mPa s})$	0.848	0.870	0.902	0.937	0.991	1.063	1.143	1.256	1.439
x_1	0.9041	1.0000							
$\eta /(\text{mPa s})$	1.625	2.229							
$T/\text{K} = 303.15$									99A5
x_1	0.0000	0.1023	0.2073	0.3011	0.4017	0.5042	0.6034	0.7030	0.8000
$\eta /(\text{mPa s})$	0.793	0.806	0.836	0.868	0.916	0.984	1.053	1.152	1.316
x_1	0.9041	1.0000							
$\eta /(\text{mPa s})$	1.480	1.799							
$T/\text{K} = 308.15$									99A5
x_1	0.0000	0.1023	0.2073	0.3011	0.4017	0.5042	0.6034	0.7030	0.8000
$\eta /(\text{mPa s})$	0.740	0.752	0.779	0.812	0.851	0.909	0.973	1.064	1.212
x_1	0.9041	1.0000							
$\eta /(\text{mPa s})$	1.357	1.635							
2322	C₆H₁₀O (1) C₁₂H₂₆ (2)		cyclohexanone dodecane						108-94-1 112-40-3
$T/\text{K} = 298.15$									99A5
x_1	0.0000	0.1085	0.1979	0.3049	0.4052	0.5049	0.6012	0.7012	0.8014
$\eta /(\text{mPa s})$	1.357	1.348	1.352	1.368	1.393	1.420	1.474	1.533	1.614
x_1	0.9008	1.0000							
$\eta /(\text{mPa s})$	1.750	2.229							
$T/\text{K} = 303.15$									99A5
x_1	0.0000	0.1085	0.1979	0.3049	0.4052	0.5049	0.6012	0.7012	0.8014
$\eta /(\text{mPa s})$	1.243	1.237	1.238	1.252	1.272	1.302	1.344	1.398	1.469
x_1	0.9008	1.0000							

η /(mPa s)	1.623	1.799								
T /K = 308.15									99A5	
x_1	0.0000	0.1085	0.1979	0.3049	0.4052	0.5049	0.6012	0.7012	0.8014	
η /(mPa s)	1.142	1.135	1.139	1.151	1.171	1.199	1.232	1.281	1.349	
x_1	0.9008	1.0000								
η /(mPa s)	1.483	1.635								
2323	C₆H₁₀O₂ (1) C₆H₁₄ (2)		2-methyl-prop-2-enoic acid ethyl ester hexane							97-63-2 110-54-3
T /K = 303.15									96S1	
x_1	0.0000	0.0396	0.2079	0.4065	0.5102	0.7082	0.8027	0.9640	1.0000	
η /(mPa s)	0.2830	0.2910	0.3142	0.3587	0.3867	0.4432	0.4770	0.5389	0.5563	
2324	C₆H₁₀O₂ (1) C₇H₁₆ (2)		2-methyl-prop-2-enoic acid ethyl ester heptane							97-63-2 142-82-5
T /K = 303.15									96S1	
x_1	0.0000	0.0489	0.2294	0.4379	0.5397	0.7290	0.8248	0.9635	1.0000	
η /(mPa s)	0.3760	0.3781	0.4018	0.4340	0.4300	0.4546	0.4915	0.5136	0.5563	
2325	C₆H₁₀O₃ (1) C₈H₁₈O (2)		3-oxo-butyric acid ethyl ester 1-butoxy-butane							141-97-9 142-96-1
T /°C = 25.0									61L1	
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0			
η /(mPa s)	0.644	0.716	0.823	0.888	0.958	1.153	1.409			
2326	C₆H₁₀O₄ (1) C₁₈H₃₆O₂ (2)		hexanedioic acid octadecanoic acid							124-04-9 57-11-4
$x_1 = 0.0503$									81B1	
T /K	353.4	358.6	362.9	370.2	382.2					
η /(mPa s)	10.2	8.8	7.9	6.9	5.7					
$x_1 = 0.2004$									81B1	
T /K	404.9	415.7	422.0	429.1	439.5	451.7				
η /(mPa s)	4.4	3.7	3.3	3.0	2.5	2.3				
$x_1 = 0.3998$									81B1	
T /K	413.2	420.7	431.7	441.5	452.6					
η /(mPa s)	5.1	3.9	3.3	2.9	2.6					
$x_1 = 0.6335$									81B1	
T /K	430.8	434.7	441.7	445.0	450.0	453.7				

η /(mPa s)	3.4	3.6	3.4	2.9	2.8	2.7			
$x_1 = 0.7999$									81B1
T/K	444.5	449.0	453.7	458.6	463.3				
η /(mPa s)	3.9	3.4	3.2	3.1	3.1				
$x_1 = 1.0000$									81B1
T/K	449.7	457.0	464.2	369.9	475.6				
η /(mPa s)	4.8	4.0	3.7	3.4	3.1				
2327	C₆H₁₁Br (1) C₆H₁₂O (2)		bromocyclohexane 2,5-dimethyl-tetrahydrofuran						108-85-0 1003-38-9
$T/K = 298.15$									96R4
x_2	0.1016	0.2001	0.3052	0.3984	0.5018	0.6042	0.6987	0.8104	0.9017
η^E /(mPa s)	-0.1656	-0.2615	-0.3188	-0.3251	-0.3172	-0.2822	-0.2369	-0.1603	-0.088
$T/K = 313.15$									96R4
x_2	0.1016	0.2001	0.3052	0.3984	0.5018	0.6042	0.6987	0.8104	0.9017
η^E /(mPa s)	-0.1104	-0.1747	-0.2183	-0.2289	-0.2199	-0.1973	-0.1661	-0.1138	-0.063
2328	C₆H₁₁BrO₂ (1) C₆H₁₄ (2)		2-bromo-butanoic acid ethyl ester hexane						533-68-6 110-54-3
$T/K = 303.15$									92O1
x_1	0.0000	0.1972	0.3889	0.4924	0.5981	0.7949	1.0000		
η /(mPa s)	0.2859	0.3726	0.5074	0.6029	0.7246	1.0325	1.5290		
2329	C₆H₁₁BrO₂ (1) C₆H₁₄ (2)		4-bromo-butanoic acid ethyl ester hexane						2969-81-5 110-54-3
$T/K = 303.15$									92O1
x_1	0.0000	0.2012	0.3949	0.4988	0.6008	0.7973	1.0000		
η /(mPa s)	0.2859	0.4062	0.5871	0.7248	0.8853	1.2736	1.8264		
2330	C₆H₁₁Cl (1) C₆H₁₂ (2)		chlorocyclohexane cyclohexane						542-18-7 110-82-7
$T/K = 298.15$									99G1
x_2	0.0950	0.2004	0.2999	0.3989	0.4989	0.5993	0.6986	0.8004	0.9006
η /(mPa s)	1.4847	1.3938	1.3149	1.2414	1.1718	1.1060	1.0462	0.9893	0.9379
$T/K = 313.15$									99G1
x_2	0.0950	0.2004	0.2999	0.3989	0.4989	0.5993	0.6986	0.8004	0.9006
η /(mPa s)	1.1533	1.0855	1.0254	0.9696	0.9164	0.8667	0.8210	0.7771	0.7392

2331	C₆H₁₁Cl (1)		chlorocyclohexane						542-18-7
	C₆H₁₂O (2)		2,5-dimethyl-tetrahydrofuran						1003-38-9
<i>T</i> /K = 298.15									97R2
<i>x</i> ₂	0.0000	0.0973	0.2014	0.3026	0.3986	0.4986	0.6031	0.7002	0.7977
<i>η</i> /(mPa s)	1.5675	1.3598	1.1789	1.0334	0.9191	0.8180	0.7279	0.6563	0.5937
<i>x</i> ₂	0.8986	1.0000							
<i>η</i> /(mPa s)	0.5366	0.4850							
<i>T</i> /K = 313.15									97R2
<i>x</i> ₂	0.0973	0.2014	0.3026	0.3986	0.4986	0.6031	0.7002	0.7977	0.8986
<i>η</i> /(mPa s)	1.0727	0.9412	0.8337	0.7486	0.6724	0.6054	0.5510	0.4990	0.4520
2332	C₆H₁₂ (1)		cyclohexane						110-82-7
	C₆H₁₂O (2)		4-methyl-pentan-2-one						108-10-1
<i>T</i> /K = 293.15									95Y1
<i>x</i> ₁	0.0000	0.0923	0.2263	0.3353	0.4773	0.5154	0.5566	0.5935	0.7094
<i>η</i> /(mPa s)	0.588	0.597	0.600	0.623	0.649	0.659	0.669	0.682	0.728
<i>x</i> ₁	0.8212	0.9254	1.0000						
<i>η</i> /(mPa s)	0.792	0.872	0.990						
2333	C₆H₁₂ (1)		cyclohexane						110-82-7
	C₆H₁₃Cl (2)		1-chloro-hexane						544-10-5
<i>T</i> /K = 298.15									95P2
<i>x</i> ₂	0.0000	0.1194	0.1987	0.3014	0.4135	0.4969	0.6042	0.6693	0.7855
<i>v</i> /(mm ² /s)	1.148	1.016	0.9599	0.9077	0.8676	0.8454	0.8206	0.8135	0.7991
<i>x</i> ₂	0.8816	1.0000							
<i>v</i> /(mm ² /s)	0.7903	0.7856							
2334	C₆H₁₂ (1)		cyclohexane						110-82-7
	C₆H₁₄ (2)		hexane						110-54-3
<i>T</i> /K = 298.15									96A4
<i>x</i> ₁	0.0000	0.0958	0.1981	0.2966	0.3986	0.4972	0.5972	0.6988	0.7993
<i>η</i> /(mPa s)	0.298	0.317	0.341	0.367	0.397	0.436	0.484	0.544	0.623
<i>x</i> ₁	0.8977	1.0000							
<i>η</i> /(mPa s)	0.730	0.883							
<i>T</i> /K = 303.15									96A4
<i>x</i> ₁	0.0000	0.0958	0.1981	0.2966	0.3986	0.4972	0.5972	0.6988	0.7993
<i>η</i> /(mPa s)	0.284	0.301	0.324	0.349	0.378	0.412	0.454	0.511	0.580

x_1	0.8977	1.0000							
$\eta /(\text{mPa s})$	0.672	0.813							
$T/\text{K} = 308.15$									96A4
x_1	0.0000	0.0958	0.1981	0.2966	0.3986	0.4972	0.5972	0.6988	0.7993
$\eta /(\text{mPa s})$	0.271	0.288	0.307	0.330	0.357	0.389	0.428	0.479	0.543
x_1	0.8977	1.0000							
$\eta /(\text{mPa s})$	0.623	0.774							
$T/\text{K} = 298.15$									94P1
x_1	0.1454	0.1803	0.2116	0.2465	0.2744	0.3226	0.3613	0.4041	0.4501
$\eta /(\text{mPa s})$	0.3920	0.4100	0.4280	0.4460	0.4620	0.4880	0.5080	0.5349	0.5610
x_1	0.4941	0.5448	0.5945	0.6499	0.6940	0.7400			
$\eta /(\text{mPa s})$	0.5880	0.6180	0.6470	0.6800	0.7060	0.7340			
$T/\text{K} = 298.15$									86A4
x_1	0.0000	0.0907	0.1843	0.2740	0.3645	0.4469	0.5330	0.6062	0.6783
$\eta /(\text{mPa s})$	0.3092	0.3272	0.3489	0.3831	0.4001	0.4276	0.4643	0.5023	0.5445
x_1	0.7542	0.8297	0.9016	0.9721	1.0000				
$\eta /(\text{mPa s})$	0.5997	0.6872	0.7533	0.8499	0.9062				
$T/^\circ\text{C} = 25.0$									67R1
x_1	0.0000	0.1714	0.2742	0.4498	0.5873	0.7520	0.9034	1.0000	
$\eta /(\text{mPa s})$	0.3008	0.3405	0.3670	0.4234	0.4846	0.5887	0.7347	0.8690	
$T/^\circ\text{C} = 25.0$									62H1
x_2	0.000	0.262	0.452	0.786	1.000				
$\eta /(\text{mPa s})$	0.881	0.574	0.464	0.355	0.308				
$T/^\circ\text{C} = 25.0$									61L2
x_1	0.0	0.2	0.4	0.5	0.6	0.8	1.0		
$\eta /(\text{mPa s})$	0.316	0.356	0.409	0.442	0.484	0.609	0.841		
$T/\text{K} = 298.15$									84W1
φ_2	0.0000	0.2086	0.3070	0.4143	0.5082	0.6118	0.6840	0.8116	0.8825
$\nu /(\text{mm}^2/\text{s})$	1.1512	0.8643	0.7799	0.6965	0.6381	0.5861	0.5595	0.5082	0.4840
φ_2	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.4470								
2335	C₆H₁₂ (1)		cyclohexane						110-82-7
	C₆H₁₄O₃ (2)		1-methoxy-2-(2-methoxy-ethoxy)-ethane						111-96-6
$T/\text{K} = 298.15$									95A3
x_2	0.0000	0.0981	0.1885	0.2854	0.3996	0.5024	0.6005	0.7027	0.8014
$\eta /(\text{mPa s})$	0.876	0.794	0.765	0.760	0.769	0.785	0.808	0.843	0.882

x_2	0.8980	1.0000							
$\eta /(\text{mPa s})$	0.924	0.991							
$T/\text{K} = 303.15$									95A3
x_2	0.0000	0.0981	0.1885	0.2854	0.3996	0.5024	0.6005	0.7027	0.8014
$\eta /(\text{mPa s})$	0.702	0.734	0.706	0.702	0.714	0.730	0.751	0.779	0.813
x_2	0.8980	1.0000							
$\eta /(\text{mPa s})$	0.851	0.914							
$T/\text{K} = 308.15$									95A3
x_2	0.0000	0.0981	0.1885	0.2854	0.3996	0.5024	0.6005	0.7027	0.8014
$\eta /(\text{mPa s})$	0.644	0.677	0.654	0.653	0.650	0.679	0.697	0.725	0.756
x_2	0.8980	1.0000							
$\eta /(\text{mPa s})$	0.792	0.842							
2336	C₆H₁₂ (1) C₆H₁₅N (2)		cyclohexane hexylamine						110-82-7 111-26-2
$T/\text{K} = 303.15$									92O2
x_1	0.0000	0.1064	0.2992	0.4953	0.5974	0.6964	0.7966	0.8980	1.0000
$\eta /(\text{mPa s})$	0.7290	0.7129	0.7005	0.7021	0.7073	0.7145	0.7200	0.7541	0.8195
2337	C₆H₁₂ (1) C₆H₁₅N (2)		cyclohexane triethylamine						110-82-7 121-44-8
$T/\text{K} = 303.15$									85O1
x_2	0.0000	0.0860	0.2494	0.3438	0.5379	0.6436	0.8700	1.0000	
$\eta /(\text{mPa s})$	0.816	0.711	0.582	0.534	0.442	0.410	0.360	0.323	
2338	C₆H₁₂ (1) C₇H₈ (2)		cyclohexane toluene						110-82-7 108-88-3
$T/\text{K} = 293.15$									76N2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.586	0.583	0.587	0.596	0.611	0.634	0.666	0.710	0.771
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	0.856	0.969							
$T/\text{K} = 303.15$									76N2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.520	0.517	0.520	0.528	0.540	0.558	0.583	0.618	0.664
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	0.730	0.818							
$T/\text{K} = 313.15$									76N2

x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.466	0.464	0.467	0.473	0.483	0.487	0.517	0.544	0.581
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	0.631	0.700							
$T/\text{K} = 323.15$									76N2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	0.421	0.420	0.422	0.427	0.435	0.446	0.463	0.484	0.512
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	0.552	0.608							
$x_1 = 0.20$									40L1, 41L1
$T/^\circ\text{C}$	12.7	23.0	30.3	39.8	49.6				
$\eta /(\text{mPa s})$	0.9140	0.7780	0.7003	0.6059	0.5481				
$x_1 = 0.40$									40L1, 41L1
$T/^\circ\text{C}$	21.6	31.3	40.5	50.3					
$\eta /(\text{mPa s})$	0.6922	0.6143	0.5482	0.4938					
$x_1 = 0.50$									40L1, 41L1
$T/^\circ\text{C}$	12.4	21.0	30.6	40.3	50.5				
$\eta /(\text{mPa s})$	0.7603	0.6762	0.5991	0.5412	0.4842				
$x_1 = 0.60$									40L1, 41L1
$T/^\circ\text{C}$	12.4	21.6	30.8	40.0	50.8				
$\eta /(\text{mPa s})$	0.7143	0.6337	0.5688	0.5137	0.4617				
$x_1 = 0.70$									40L1, 41L1
$T/^\circ\text{C}$	13.0	21.3	30.3	39.3	50.8				
$\eta /(\text{mPa s})$	0.6902	0.6228	0.5618	0.5100	0.4550				
$x_1 = 0.80$									40L1, 41L1
$T/^\circ\text{C}$	13.3	21.2	30.0	40.0	50.1				
$\eta /(\text{mPa s})$	0.6706	0.6123	0.5546	0.4976	0.4525				
$x_1 = 0.90$									40L1, 41L1
$T/^\circ\text{C}$	13.0	20.8	30.3	39.3	50.1				
$\eta /(\text{mPa s})$	0.6766	0.6126	0.5477	0.4994	0.4496				

2339	C₆H₁₂ (1)	C₇H₈O (2)	cyclohexane	methoxybenzene				110-82-7	100-66-3
$T/\text{K} = 303.15$									92N1
x_2	0.0000	0.0224	0.0385	0.0614	0.4829	0.5172	0.5409	0.5731	0.7744
$\eta /(\text{mPa s})$	0.821	0.799	0.783	0.773	0.708	0.714	0.720	0.729	0.792
x_2	0.8952	0.9478	1.0000						
$\eta /(\text{mPa s})$	0.846	0.884	0.915						

$T/^\circ\text{C} = 25.0$									90J3
x_2	0.0000	0.1016	0.1993	0.3005	0.3997	0.5014	0.6014	0.7043	0.8000
$\eta/(\text{mPa s})$	0.8876	0.8187	0.7856	0.7700	0.7696	0.7849	0.8030	0.8378	0.8834
x_2	0.8992	1.0000							
$\eta/(\text{mPa s})$	0.9338	0.9785							
$T/^\circ\text{C} = 30.0$									90J3
x_2	0.0000	0.1016	0.1993	0.3005	0.3997	0.5014	0.6014	0.7043	0.8000
$\eta/(\text{mPa s})$	0.8192	0.7586	0.7308	0.7174	0.7169	0.7317	0.7509	0.7843	0.8216
x_2	0.8992	1.0000							
$\eta/(\text{mPa s})$	0.8700	0.9070							
$T/^\circ\text{C} = 35.0$									90J3
x_2	0.0000	0.1016	0.1993	0.3005	0.3997	0.5014	0.6014	0.7043	0.8000
$\eta/(\text{mPa s})$	0.7546	0.7009	0.6800	0.6680	0.6674	0.6829	0.7001	0.7318	0.7693
x_2	0.8992	1.0000							
$\eta/(\text{mPa s})$	0.8092	0.8422							
$T/^\circ\text{C} = 40.0$									90J3
x_2	0.0000	0.1016	0.1993	0.3005	0.3997	0.5014	0.6014	0.7043	0.8000
$\eta/(\text{mPa s})$	0.6934	0.6496	0.6314	0.6223	0.6228	0.6370	0.6546	0.6823	0.7163
x_2	0.8992	1.0000							
$\eta/(\text{mPa s})$	0.7511	0.7814							

2340 **C₆H₁₂ (1)** **cyclohexane** **110-82-7**
C₇H₈O (2) **2-methyl-phenol** **95-48-7**

$T/\text{K} = 308.15$									83D1
x_2	0.0000	0.0821	0.1618	0.2824	0.3677	0.4418	0.5033	0.5871	0.7934
$\eta/(\text{mPa s})$	0.7878	0.8505	0.9431	1.1460	1.3406	1.5681	1.7076	2.0485	3.1987
x_2	0.8996	1.0000							
$\eta/(\text{mPa s})$	4.1037	6.6370							

$T/\text{K} = 308.15$									83D1
x_2	0.0000	0.0821	0.1618	0.2824	0.3677	0.4418	0.5033	0.5871	0.7934
$\nu/(\text{mm}^2/\text{s})$	1.0303	1.0842	1.1726	1.3722	1.5631	1.7870	1.9097	2.2338	3.2826
x_2	0.8996	1.0000							
$\nu/(\text{mm}^2/\text{s})$	4.0849	6.4211							

2341 **C₆H₁₂ (1)** **cyclohexane** **110-82-7**
C₇H₈O (2) **3-methyl-phenol** **108-39-4**

$T/\text{K} = 308.15$									83D1
x_2	0.0000	0.0832	0.1603	0.2890	0.3627	0.4467	0.5201	0.5859	0.7213
$\eta/(\text{mPa s})$	0.7878	0.8736	1.2479	1.2880	1.5410	1.8630	2.1755	2.5472	3.7449

x_2	0.8473	0.9032	1.0000
η /(mPa s)	5.2445	6.4278	8.7224

 $T/K = 308.15$

83D1

x_2	0.0000	0.0832	0.1603	0.2890	0.3627	0.4467	0.5201	0.5859	0.7213
ν /(mm ² /s)	1.0303	1.1137	1.5538	1.5420	1.8043	2.1273	2.4304	2.7921	3.9485

x_2	0.8473	0.9032	1.0000
ν /(mm ² /s)	5.3377	6.4420	8.5143

2342	C₆H₁₂ (1)	cyclohexane	110-82-7
	C₇H₈O (2)	4-methyl-phenol	106-44-5

 $T/K = 308.15$

83D1

x_2	0.0000	0.0725	0.2007	0.3167	0.3977	0.5218	0.6527	0.7637	0.8681
η /(mPa s)	0.7878	0.8571	1.0855	1.3927	1.6729	2.2523	3.1749	4.4212	6.1188

x_2	0.9441	1.0000
η /(mPa s)	7.7862	9.4022

 $T/^\circ\text{C} = 30.0$

81M1

x_1	0.0000	0.1014	0.1683	0.3021	0.3949	0.5007	0.6007	0.7004	0.7973
η /(mPa s)	10.440	7.352	5.440	4.004	2.988	2.250	1.732	1.350	1.110

x_1	0.8999	1.0000
η /(mPa s)	0.909	0.801

 $T/^\circ\text{C} = 30.0$

68R1

x_1	0.0000	0.1014	0.1683	0.3021	0.3949	0.5007	0.6007	0.7004	0.7973
η /(mPa s)	10.440	7.352	5.440	4.004	2.988	2.250	1.732	1.350	1.110

x_1	0.8999	1.0000
η /(mPa s)	0.909	0.8007

 $T/K = 308.15$

83D1

x_2	0.0000	0.0725	0.2007	0.3167	0.3977	0.5218	0.6527	0.7637	0.8681
ν /(mm ² /s)	1.0303	1.0964	1.3354	1.6545	1.9399	2.5182	3.4186	4.6141	6.2041

x_2	0.9441	1.0000
ν /(mm ² /s)	7.7329	9.1981

2343	C₆H₁₂ (1)	cyclohexane	110-82-7
	C₇H₉N (2)	2,4-dimethyl-pyridine	108-47-4

 $T/K = 303.15$

89R9

x_2	0.0000	0.1087	0.2080	0.3004	0.4070	0.5070	0.6004	0.6977	0.8002
η /(mPa s)	0.8044	0.7378	0.6882	0.6701	0.6574	0.6585	0.6774	0.6805	0.7102

x_2	0.9019	1.0000
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η /(mPa s)	0.7412	0.7892							
$T/K = 313.15$									89R9
x_2	0.0000	0.1087	0.2080	0.3004	0.4070	0.5070	0.6004	0.6977	0.8002
η /(mPa s)	0.6879	0.6355	0.6204	0.6004	0.5891	0.5844	0.6004	0.6055	0.6285
x_2	0.9019	1.0000							
η /(mPa s)	0.6543	0.6860							
$T/K = 323.15$									89R9
x_2	0.0000	0.1087	0.2080	0.3004	0.4070	0.5070	0.6004	0.6977	0.8002
η /(mPa s)	0.6023	0.5624	0.5330	0.5166	0.5092	0.5073	0.5200	0.5400	0.5502
x_2	0.9019	1.0000							
η /(mPa s)	0.5830	0.6129							

2344	C₆H₁₂ (1)		cyclohexane							110-82-7
	C₇H₉N (2)		2,6-dimethyl-pyridine							108-48-5
$T/K = 303.15$									89R9	
x_2	0.0000	0.1040	0.1980	0.3060	0.4003	0.5030	0.6001	0.7050	0.7990	
η /(mPa s)	0.8050	0.7270	0.6904	0.6700	0.6636	0.6619	0.6624	0.6771	0.6933	
x_2	0.8980	1.0000								
η /(mPa s)	0.7297	0.7635								
$T/K = 313.15$									89R9	
x_2	0.0000	0.1040	0.1980	0.3060	0.4003	0.5030	0.6001	0.7050	0.7990	
η /(mPa s)	0.6877	0.6341	0.6026	0.5879	0.5800	0.5789	0.5888	0.6010	0.6150	
x_2	0.8980	1.0000								
η /(mPa s)	0.6426	0.6687								
$T/K = 323.15$									89R9	
x_2	0.0000	0.1040	0.1980	0.3060	0.4003	0.5030	0.6001	0.7050	0.7990	
η /(mPa s)	0.6023	0.5572	0.5372	0.5288	0.5212	0.5181	0.5208	0.5361	0.5491	
x_2	0.8980	1.0000								
η /(mPa s)	0.5758	0.5945								

2345	C₆H₁₂ (1)		cyclohexane							110-82-7
	C₇H₁₆ (2)		heptane							142-82-5
$T/K = 298.15$									96A4	
x_1	0.0000	0.1013	0.2027	0.3040	0.4037	0.4998	0.6018	0.6985	0.8024	
η /(mPa s)	0.388	0.406	0.425	0.448	0.475	0.505	0.546	0.594	0.661	
x_1	0.9002	1.0000								
η /(mPa s)	0.751	0.883								
$T/K = 303.15$									96A4	
x_1	0.0000	0.1013	0.2027	0.3040	0.4037	0.4998	0.6018	0.6985	0.8024	

η /(mPa s)	0.368	0.386	0.402	0.422	0.447	0.477	0.412	0.556	0.619
x_1	0.9002	1.0000							
η /(mPa s)	0.694	0.813							
T /K = 308.15									96A4
x_1	0.0000	0.1013	0.2027	0.3040	0.4037	0.4998	0.6018	0.6985	0.8024
η /(mPa s)	0.349	0.365	0.379	0.399	0.422	0.448	0.481	0.520	0.577
x_1	0.9002	1.0000							
η /(mPa s)	0.643	0.774							
T /K = 298.15									94P1
x_1	0.3947	0.4171	0.4283	0.4413	0.4536	0.4623	0.4690	0.4767	0.4813
η /(mPa s)	0.5880	0.5980	0.6040	0.6120	0.6180	0.6220	0.6260	0.6290	0.6310
x_1	0.4869	0.4921	0.4949	0.4990	0.5069	0.5154			
η /(mPa s)	0.6340	0.6360	0.6380	0.6400	0.6440	0.6480			
T /K = 298.15									91P1
x_2	0.0000	0.1008	0.2001	0.2493	0.3511	0.4012	0.4993	0.5726	0.6007
η /(mPa s)	0.8984	0.776	0.680	0.641	0.578	0.556	0.520	0.483	0.479
x_2	0.7471	0.8984	1.0000						
η /(mPa s)	0.447	0.409	0.3870						
T /K = 298.15									86A4
x_1	0.0000	0.1036	0.2023	0.2962	0.3888	0.4752	0.5556	0.6389	0.7049
η /(mPa s)	0.4022	0.4183	0.4381	0.4600	0.4840	0.5120	0.5415	0.5789	0.6136
x_1	0.7751	0.8468	0.9096	0.9735	1.0000				
η /(mPa s)	0.6582	0.7195	0.7778	0.8588	0.9062				
T /°C = 30.0									83M1
x_1	0.000	0.180	0.380	0.592	0.791	1.000			
η /(mPa s)	0.365	0.3979	0.4268	0.5098	0.6151	0.812			
T /°C = 40.0									83M1
x_1	0.000	0.180	0.380	0.592	0.791	1.000			
η /(mPa s)	0.331	0.3588	0.3817	0.4555	0.5382	0.697			
T /°C = 50.0									83M1
x_1	0.000	0.180	0.380	0.592	0.791	1.000			
η /(mPa s)	0.300	0.3254	0.3440	0.4067	0.4754	0.604			
T /°C = 60.0									83M1
x_1	0.000	0.180	0.380	0.592	0.791	1.000			
η /(mPa s)	0.274	0.2970	0.3105	0.3655	0.4229	0.525			
T /°C = 37.8									60M1
x_1	0.000	0.092	0.184	0.402	0.585	0.690	0.841	0.960	1.000
ν /(mm ² /s)	0.510	0.527	0.544	0.595	0.655	0.702	0.792	0.904	0.947

2346	C₆H₁₂ (1)		cyclohexane						110-82-7
	C₈H₁₀ (2)		1,2-dimethyl-benzene						95-47-6
<i>T</i> /K = 298.15									90C1
<i>x</i> ₂	0.0000	0.1769	0.3600	0.5067	0.6357	0.8202	1.0000		
<i>v</i> /(mm ² /s)	1.148	0.9898	0.9026	0.8651	0.8479	0.8422	0.8542		
2347	C₆H₁₂ (1)		cyclohexane						110-82-7
	C₈H₁₀ (2)		1,3-dimethyl-benzene						108-38-3
<i>T</i> /K = 303.15									89R9
<i>x</i> ₂	0.0000	0.1017	0.2008	0.3085	0.4005	0.5030	0.5848	0.7009	0.8041
<i>η</i> /(mPa s)	0.8049	0.7217	0.6601	0.6191	0.5943	0.5759	0.5648	0.5520	0.5484
<i>x</i> ₂	0.9025	1.0000							
<i>η</i> /(mPa s)	0.5445	0.5455							
<i>T</i> /K = 313.15									89R9
<i>x</i> ₂	0.0000	0.1017	0.2008	0.3085	0.4005	0.5030	0.5848	0.7009	0.8041
<i>η</i> /(mPa s)	0.6870	0.6251	0.5799	0.5480	0.5296	0.5178	0.5080	0.5009	0.4930
<i>x</i> ₂	0.9025	1.0000							
<i>η</i> /(mPa s)	0.4920	0.4920							
<i>T</i> /K = 323.15									89R9
<i>x</i> ₂	0.0000	0.1017	0.2008	0.3085	0.4005	0.5030	0.5848	0.7009	0.8041
<i>η</i> /(mPa s)	0.6023	0.5481	0.5125	0.4884	0.4736	0.4625	0.4562	0.4500	0.4466
<i>x</i> ₂	0.9025	1.0000							
<i>η</i> /(mPa s)	0.4461	0.4487							
2348	C₆H₁₂ (1)		cyclohexane						110-82-7
	C₈H₁₀ (2)		1,4-dimethyl-benzene						106-42-3
<i>T</i> /K = 303.15									89R9
<i>x</i> ₂	0.0000	0.1025	0.2016	0.2982	0.4020	0.4944	0.5992	0.6952	0.7997
<i>η</i> /(mPa s)	0.8049	0.7341	0.6783	0.6363	0.6131	0.5946	0.5858	0.5711	0.5735
<i>x</i> ₂	0.8951	1.0000							
<i>η</i> /(mPa s)	0.5721	0.5761							
<i>T</i> /K = 313.15									89R9
<i>x</i> ₂	0.0000	0.1025	0.2016	0.2982	0.4020	0.4944	0.5992	0.6952	0.7997
<i>η</i> /(mPa s)	0.6878	0.6343	0.5965	0.5693	0.5417	0.5288	0.5165	0.5142	0.5159
<i>x</i> ₂	0.8951	1.0000							
<i>η</i> /(mPa s)	0.5110	0.5156							
<i>T</i> /K = 323.15									89R9

x_2	0.0000	0.1025	0.2016	0.2982	0.4020	0.4944	0.5992	0.6952	0.7997
η /(mPa s)	0.6023	0.5400	0.5237	0.4976	0.4831	0.4765	0.4643	0.4620	0.4612
x_2	0.8951	1.0000							
η /(mPa s)	0.4608	0.4648							

2349 **C₆H₁₂ (1)** **cyclohexane** **110-82-7**
C₈H₁₁N (2) **2,4,6-trimethyl-pyridine** **108-75-8**

$T/K = 303.15$ 89R9

x_2	0.0000	0.1017	0.1961	0.2985	0.4038	0.5034	0.6005	0.6939	0.8032
η /(mPa s)	0.8046	0.7303	0.6937	0.6738	0.6750	0.6873	0.6984	0.7256	0.7427

x_2	0.8998	1.0000							
η /(mPa s)	0.7784	0.8104							

$T/K = 313.15$ 89R9

x_2	0.0000	0.1017	0.1961	0.2985	0.4038	0.5034	0.6005	0.6939	0.8032
η /(mPa s)	0.6876	0.6369	0.6111	0.5941	0.6074	0.6088	0.6189	0.6309	0.6536

x_2	0.8998	1.0000							
η /(mPa s)	0.6799	0.7109							

$T/K = 323.15$ 89R9

x_2	0.0000	0.1017	0.1961	0.2985	0.4038	0.5034	0.6005	0.6939	0.8032
η /(mPa s)	0.6025	0.5651	0.5409	0.5288	0.5304	0.5395	0.5500	0.5625	0.5827

x_2	0.8998	1.0000							
η /(mPa s)	0.6005	0.6264							

2350 **C₆H₁₂ (1)** **cyclohexane** **110-82-7**
C₈H₁₈ (2) **octane** **111-65-9**

$T/K = 298.15$ 96A4

x_1	0.0000	0.0972	0.2042	0.3014	0.4044	0.5017	0.6029	0.7041	0.8014
η /(mPa s)	0.505	0.516	0.530	0.548	0.568	0.591	0.620	0.661	0.705

x_1	0.8971	1.0000							
η /(mPa s)	0.774	0.883							

$T/K = 303.15$ 96A4

x_1	0.0000	0.0972	0.2042	0.3014	0.4044	0.5017	0.6029	0.7041	0.8014
η /(mPa s)	0.479	0.487	0.498	0.515	0.533	0.554	0.581	0.614	0.656

x_1	0.8971	1.0000							
η /(mPa s)	0.717	0.813							

$T/K = 308.15$ 96A4

x_1	0.0000	0.0972	0.2042	0.3014	0.4044	0.5017	0.6029	0.7041	0.8014
η /(mPa s)	0.450	0.459	0.469	0.483	0.501	0.518	0.543	0.573	0.608

x_1	0.8971	1.0000							
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η /(mPa s)	0.664	0.774							
T /K = 298.15									91T1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.5107	0.5398	0.5777	0.6273	0.7162	0.8918			
T /K = 323.15									91T1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.3850	0.4103	0.4326	0.4655	0.5138	0.6089			
T /K = 348.15									91T1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	0.3031	0.3240	0.3331	0.3564	0.3900	0.4382			
A table is given in Ref. 91T1 for pressures up to 100 MPa.									91T1
T /K = 298.15									86A4
x_1	0.0000	0.1084	0.2223	0.3199	0.4120	0.5009	0.5763	0.6597	0.7236
η /(mPa s)	0.5184	0.5318	0.5490	0.5690	0.5851	0.6070	0.6280	0.6568	0.6788
x_1	0.7926	0.8586	0.9173	0.9767	1.0000				
η /(mPa s)	0.7148	0.8162	0.8737	0.8737	0.9062				
2351	C₆H₁₂ (1) C₈H₁₉N (2)		cyclohexane dibutylamine						110-82-7 111-92-2
T /K = 303.15									91O1
x_1	0.0000	0.1011	0.2001	0.3025	0.4034	0.4997	0.6050	0.7025	0.7989
η /(mPa s)	0.764	0.749	0.737	0.731	0.728	0.727	0.729	0.727	0.743
x_1	0.8971	1.0000							
η /(mPa s)	0.759	0.819							
2352	C₆H₁₂ (1) C₈H₁₉N (2)		cyclohexane octylamine						110-82-7 111-86-4
T /K = 303.15									91O1
x_1	0.0000	0.0971	0.1959	0.2997	0.4010	0.4970	0.5993	0.6975	0.7993
η /(mPa s)	1.169	1.138	1.096	1.036	0.970	0.952	0.913	0.863	0.820
x_1	0.8960	1.0000							
η /(mPa s)	0.810	0.819							
2353	C₆H₁₂ (1) C₈H₂₄O₄Si₄ (2)		cyclohexane octamethyl-cyclotetrasiloxane						110-82-7 556-67-2
T /°C = 18.0									68M1
x_2	0.0000	0.1780	0.3227	0.5718	0.7258	0.8618	0.9815	1.0000	

η /(mPa s)	1.001	1.256	1.448	1.798	2.036	2.268	2.488	2.520	
T /°C = 25.0									68M1
x_2	0.0000	0.1089	0.1965	0.2890	0.4288	0.5841	0.6590	0.8443	0.9264
η /(mPa s)	0.901	1.044	1.140	1.245	1.407	1.595	1.694	1.950	2.073
x_2	0.9773	1.0000							
η /(mPa s)	2.147	2.190							
T /°C = 35.0									68M1
x_2	0.0000	0.1756	0.3239	0.5732	0.7290	0.8636	0.9817	1.0000	
η /(mPa s)	0.7817	0.964	1.101	1.339	1.493	1.646	1.786	1.806	
T /°C = 45.0									68M1
x_2	0.0000	0.1779	0.3249	0.5816	0.7307	0.8652	0.9821	1.0000	
η /(mPa s)	0.6866	0.844	0.956	1.148	1.270	1.388	1.498	1.514	

2354	C₆H₁₂ (1)		cyclohexane						110-82-7
	C₉H₁₂ (2)		1,3,5-trimethyl-benzene						108-67-8
T /K = 303.15									89R9
x_2	0.0000	0.1028	0.2002	0.2990	0.3960	0.4961	0.5971	0.6990	0.7992
η /(mPa s)	0.8047	0.7231	0.6616	0.6393	0.6187	0.6085	0.6054	0.6015	0.6055
x_2	0.8983	1.0000							
η /(mPa s)	0.6081	0.6124							
T /K = 313.15									89R9
x_2	0.0000	0.1028	0.2002	0.2990	0.3960	0.4961	0.5971	0.6990	0.7992
η /(mPa s)	0.6878	0.6296	0.5833	0.5651	0.5553	0.5439	0.5400	0.5379	0.5430
x_2	0.8983	1.0000							
η /(mPa s)	0.5430	0.5481							
T /K = 323.15									89R9
x_2	0.0000	0.1028	0.2002	0.2990	0.3960	0.4961	0.5971	0.6990	0.7992
η /(mPa s)	0.6023	0.5473	0.5180	0.5048	0.4899	0.4892	0.4863	0.4853	0.4858
x_2	0.8983	1.0000							
η /(mPa s)	0.4893	0.4898							

2355	C₆H₁₂ (1)		cyclohexane						110-82-7
	C₉H₂₀ (2)		nonane						111-84-2
T /K = 298.15									96A4
x_1	0.0000	0.1060	0.1999	0.2987	0.3971	0.4952	0.5978	0.6994	0.7989
η /(mPa s)	0.652	0.658	0.664	0.672	0.677	0.696	0.708	0.730	0.762
x_1	0.8991	1.0000							
η /(mPa s)	0.805	0.883							
T /K = 303.15									96A4

x_1	0.0000	0.1060	0.1999	0.2987	0.3971	0.4952	0.5978	0.6994	0.7989
η /(mPa s)	0.612	0.617	0.623	0.632	0.633	0.648	0.659	0.679	0.706
x_1	0.8991	1.0000							
η /(mPa s)	0.743	0.813							
T /K = 308.15									96A4
x_1	0.0000	0.1060	0.1999	0.2987	0.3971	0.4952	0.5978	0.6994	0.7989
η /(mPa s)	0.574	0.576	0.582	0.589	0.591	0.602	0.616	0.631	0.658
x_1	0.8991	1.0000							
η /(mPa s)	0.687	0.774							
T /K = 298.15									86A4
x_1	0.0000	0.1286	0.2414	0.3420	0.4371	0.5293	0.6059	0.6830	0.7423
η /(mPa s)	0.6651	0.7077	0.6821	0.6860	0.7041	0.7089	0.7214	0.7381	0.7545
x_1	0.8068	0.8730	0.9395	0.9769	1.0000				
η /(mPa s)	0.7761	0.8053	0.8376	0.8810	0.9062				
2356	C₆H₁₂ (1) C₉H₂₁N (2)		cyclohexane tripropylamine						110-82-7 102-69-2
T /K = 303.15									85O1
x_2	0.0000	0.0671	0.1203	0.2029	0.3630	0.5622	0.8151	1.0000	
η /(mPa s)	0.816	0.749	0.714	0.704	0.643	0.617	0.600	0.595	
2357	C₆H₁₂ (1) C₁₀H₁₂ (2)		cyclohexane 1,2,3,4-tetrahydro-naphthalene						110-82-7 119-64-2
T /°C = 25.0									33M1
x_2	0.0000	0.1644	0.3446	0.5441	0.7597	1.0000			
η /(mPa s)	0.9287	0.981	1.127	1.324	1.619	1.985			
2358	C₆H₁₂ (1) C₁₀H₁₈ (2)		cyclohexane decahydro-naphthalene						110-82-7 91-17-8
T /°C = 25.0									33M1
x_2	0.0000	0.1472	0.3152	0.5052	0.7333	1.0000			
η /(mPa s)	0.9287	1.061	1.260	1.480	1.770	2.171			
2359	C₆H₁₂ (1) C₁₀H₂₂ (2)		cyclohexane decane						110-82-7 124-18-5
T /K = 298.15									96A4
x_1	0.0000	0.1037	0.2065	0.3077	0.4003	0.5005	0.6000	0.7045	0.8020
η /(mPa s)	0.844	0.836	0.824	0.818	0.818	0.818	0.814	0.812	0.819

x_1	0.9001	1.0000							
$\eta /(\text{mPa s})$	0.845	0.883							
$T/\text{K} = 303.15$									
x_1	0.0000	0.1037	0.2065	0.3077	0.4003	0.5005	0.6000	0.7045	0.8020
$\eta /(\text{mPa s})$	0.786	0.780	0.766	0.761	0.761	0.760	0.756	0.754	0.759
x_1	0.9001	1.0000							
$\eta /(\text{mPa s})$	0.780	0.813							
$T/\text{K} = 308.15$									
x_1	0.0000	0.1037	0.2065	0.3077	0.4003	0.5005	0.6000	0.7045	0.8020
$\eta /(\text{mPa s})$	0.733	0.728	0.713	0.708	0.710	0.710	0.702	0.699	0.703
x_1	0.9001	1.0000							
$\eta /(\text{mPa s})$	0.716	0.774							
$T/\text{K} = 298.15$									
x_1	0.0000	0.1316	0.2540	0.3302	0.4670	0.5494	0.6289	0.7015	0.7719
$\eta /(\text{mPa s})$	0.8452	0.8418	0.8386	0.8292	0.8331	0.8222	0.8303	0.8247	0.8409
x_1	0.8324	0.8857	0.9309	0.9822	1.0000				
$\eta /(\text{mPa s})$	0.8412	0.8612	0.8746	0.8968	0.9062				
$T/^\circ\text{C} = 25.0$									
x_2	0.000	0.246	0.508	0.759	1.000				
$\eta /(\text{mPa s})$	0.881	0.813	0.810	0.820	0.840				
2360	C₆H₁₂ (1) C₁₀H₂₃N (2)		cyclohexane decylamine						110-82-7 2016-57-1
$T/\text{K} = 303.15$									
x_1	0.0000	0.2056	0.3987	0.5056	0.5875	0.7947	1.0000		
$\eta /(\text{mPa s})$	1.7661	1.5618	1.3614	1.2394	1.1590	0.9708	0.8195		
2361	C₆H₁₂ (1) C₁₂H₂₆ (2)		cyclohexane dodecane						110-82-7 112-40-3
$T/\text{K} = 298.15$									
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	1.352	1.263	1.171	1.071	0.9790	0.8918			
$T/\text{K} = 323.15$									
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	0.9146	0.8615	0.8075	0.7427	0.6736	0.6089			
$T/\text{K} = 348.15$									
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
$\eta /(\text{mPa s})$	0.6654	0.6372	0.5992	0.5585	0.4981	0.4382			

A table is given in Ref. 91T1 for pressures up to 100 MPa.

$x_2 = 0.0000$

$T/^\circ\text{C}$	35.84	35.92	50.60	60.68	60.70
$\eta/(\text{mPa s})$	0.7494	0.7493	0.6033	0.5277	0.5278

$x_2 = 0.2501$

$T/^\circ\text{C}$	15.12	25.23	25.28	51.50
$\eta/(\text{mPa s})$	1.1752	0.9923	0.9883	0.6762

$x_2 = 0.4996$

$T/^\circ\text{C}$	15.22	24.63	25.28	51.05
$\eta/(\text{mPa s})$	1.3266	1.1307	1.1141	0.7657

$x_2 = 0.5001$

$T/^\circ\text{C}$	16.00	25.16	25.20	35.61	35.71	64.53	64.54
$\eta/(\text{mPa s})$	1.3101	1.1213	1.1163	0.9475	0.9480	0.6440	0.6442

$x_2 = 0.7489$

$T/^\circ\text{C}$	15.50	24.98	25.46	50.60
$\eta/(\text{mPa s})$	1.4746	1.2469	1.2319	0.8447

$x_2 = 1.0000$

$T/^\circ\text{C}$	15.65	25.07	25.24	34.37	34.42	49.45	69.49
$\eta/(\text{mPa s})$	1.6149	1.3528	1.3503	1.1589	1.1590	0.9256	0.7157

$T/\text{K} = 298.15$

x_1	0.0000	0.1549	0.2886	0.3945	0.5031	0.5879	0.6636	0.7601	0.7983
$\eta/(\text{mPa s})$	1.3669	1.2991	1.2368	1.1870	1.1381	1.0980	1.0476	1.0111	0.9774
x_1	0.8536	0.8943	0.9410	0.9831	1.0000				
$\eta/(\text{mPa s})$	0.9573	0.9433	0.9223	0.9114	0.9062				

2362 **C₆H₁₂ (1)**
C₁₂H₂₇N (2)

cyclohexane
dodecylamine

110-82-7
124-22-1

$T/\text{K} = 303.15$

x_1	0.0000	0.2093	0.3927	0.5029	0.6032	0.8037	1.0000
$\eta/(\text{mPa s})$	2.6576	2.3100	1.9485	1.7094	1.4916	1.1164	0.8195

2363 **C₆H₁₂ (1)**
C₁₂H₂₇N (2)

cyclohexane
tributylamine

110-82-7
102-82-9

$T/\text{K} = 303.15$

x_1	0.0000	0.1133	0.1972	0.2987	0.4020	0.4990	0.5952	0.7042	0.8018
$\eta/(\text{mPa s})$	1.167	1.125	1.125	1.059	1.021	0.987	0.951	0.911	0.875
x_1	0.9005	1.0000							

η /(mPa s)	0.845	0.819							
$T/K = 303.15$									85O1
x_2	0.0000	0.0460	0.1627	0.2327	0.4061	0.5162	0.7689	1.0000	
η /(mPa s)	0.816	0.827	0.847	0.886	0.953	0.991	1.083	1.167	
2364	C₆H₁₂ (1) C₁₃H₁₂ (2)		cyclohexane diphenylmethane						110-82-7 101-81-5
$T/^\circ\text{C} = 20.0$									67D2
x_1	0.0	0.35	0.6	1.0					
η /(mPa s)	2.55	1.68	1.277	0.841					
2365	C₆H₁₂ (1) C₁₄H₃₀ (2)		cyclohexane tetradecane						110-82-7 629-59-4
$T/K = 298.15$									86A4
x_1	0.0000	0.1743	0.3074	0.4253	0.5304	0.6125	0.6841	0.7505	0.8066
η /(mPa s)	2.0913	1.9068	1.7564	1.6211	1.4860	1.3837	1.2915	1.2072	1.1313
x_1	0.8651	0.9088	0.9483	0.9856	1.0000				
η /(mPa s)	1.0637	1.0102	0.9646	0.9238	0.9062				
2366	C₆H₁₂ (1) C₁₆H₃₃Cl (2)		cyclohexane 1-chloro-hexadecane						110-82-7 4860-03-1
$T/K = 298.15$									95P2
x_2	0.0000	0.1016	0.1959	0.2955	0.3807	0.4850	0.5811	0.6648	0.7605
ν /(mm ² /s)	1.148	1.574	2.018	2.518	2.973	3.541	4.066	4.523	5.051
x_2	0.8672	1.0000							
ν /(mm ² /s)	5.625	6.305							
2367	C₆H₁₂ (1) C₁₆H₃₄ (2)		cyclohexane hexadecane						110-82-7 544-76-3
$T/K = 298.15$									91T1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	3.061	2.654	2.239	1.790	1.326	0.8918			
$T/K = 323.15$									91T1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	1.829	1.632	1.399	1.154	0.8848	0.6089			
$T/K = 348.15$									91T1
x_1	0.00	0.20	0.40	0.60	0.80	1.00			
η /(mPa s)	1.231	1.132	0.9867	0.8234	0.6415	0.4382			

A table is given in Ref. 91T1 for pressures up to 100 MPa.

91T1

$T/K = 298.15$

86A4

x_1	0.0000	0.1809	0.3339	0.4580	0.5570	0.6415	0.7087	0.7738	0.8280
$\eta /(\text{mPa s})$	3.0732	2.7166	2.3951	2.1258	1.8917	1.7092	1.5488	1.3901	1.2704
x_1	0.8753	0.9197	0.9513	0.9871	1.0000				
$\eta /(\text{mPa s})$	1.1695	1.0799	1.0082	0.9348	0.9062				

$T/K = 298.15$

90C1

x_1	0.0000	0.1604	0.3525	0.5044	0.6444	0.8469	1.0000		
$\nu /(\text{mm}^2/\text{s})$	3.958	3.550	3.032	2.599	2.186	1.580	1.148		

2368 **C₆H₁₂ (1)** **cyclohexane** **110-82-7**
 C₁₆H₃₅N (2) **dioctylamine** **1120-48-5**

$T/K = 303.15$

91O1

x_1	0.0000	0.1052	0.2021	0.3028	0.4044	0.5039	0.6016	0.7009	0.8006
$\eta /(\text{mPa s})$	3.665	3.382	3.137	2.950	2.591	2.306	1.976	1.653	1.364
x_1	0.9216	1.0000							
$\eta /(\text{mPa s})$	1.055	0.819							

2369 **C₆H₁₂ (1)** **cyclohexane** **110-82-7**
 C₂₀H₄₀O₂ (2) **octadecanoic acid ethyl ester** **111-61-5**

$T/^\circ\text{C} = 40.0$

61T2

x_2	0.0	0.25	0.50	0.75
$\eta /(\text{mPa s})$	0.69	1.94	3.12	4.25

$T/^\circ\text{C} = 60.0$

61T2

x_2	0.0	0.25	0.50	0.75
$\eta /(\text{mPa s})$	0.52	1.42	2.20	2.88

2370 **C₆H₁₂ (1)** **cyclohexane** **110-82-7**
 C₂₄H₅₁N (2) **trioctylamine** **1116-76-3**

$T/K = 303.15$

91O1

x_1	0.0000	0.1179	0.1582	0.3086	0.4099	0.5029	0.6074	0.7022	0.8023
$\eta /(\text{mPa s})$	6.950	6.488	6.333	5.344	4.830	4.330	3.468	2.757	2.054
x_1	0.9020	1.0000							
$\eta /(\text{mPa s})$	1.416	0.819							

2371 **C₆H₁₂O (1)** **hexan-2-one** **591-78-6**
 C₆H₁₂O (2) **4-methyl-pentan-2-one** **108-10-1**

$T/K = 298.15$										90F1
x_2	0.0000	0.1164	0.2196	0.3357	0.4413	0.5503	0.6632	0.7765	0.8841	0.8841
$\eta /(\text{mPa s})$	0.585	0.581	0.575	0.571	0.566	0.562	0.558	0.553	0.548	0.548
x_2	1.0000									
$\eta /(\text{mPa s})$	0.541									
2372	C₆H₁₂O (1) C₆H₁₂O₂ (2)		hexan-2-one acetic acid butyl ester							591-78-6 123-86-4
$T/K = 298.15$										88F1
x_2	0.0000	0.1073	0.1861	0.3117	0.4115	0.5224	0.6318	0.7471	0.8669	0.8669
$\eta /(\text{mPa s})$	0.587	0.595	0.601	0.611	0.620	0.630	0.640	0.649	0.663	0.663
x_2	1.0000									
$\eta /(\text{mPa s})$	0.678									
$T/K = 298.15$										88F1
x_2	0.0000	0.1073	0.1861	0.3117	0.4115	0.5224	0.6318	0.7471	0.8669	0.8669
$\nu /(\text{mm}^2/\text{s})$	0.727	0.730	0.732	0.737	0.742	0.746	0.752	0.756	0.765	0.765
x_2	1.0000									
$\nu /(\text{mm}^2/\text{s})$	0.774									
2373	C₆H₁₂O (1) C₆H₁₂O₂ (2)		4-methyl-pentan-2-one acetic acid butyl ester							108-10-1 123-86-4
$T/K = 298.15$										90F1
x_1	0.0000	0.1280	0.2471	0.3594	0.4715	0.5881	0.6863	0.7901	0.8902	0.8902
$\eta /(\text{mPa s})$	0.677	0.660	0.643	0.628	0.612	0.595	0.583	0.570	0.556	0.556
x_1	1.0000									
$\eta /(\text{mPa s})$	0.541									
2374	C₆H₁₂O (1) C₆H₁₂O₂ (2)		4-methyl-pentan-2-one 4-hydroxy-4-methyl-pentan-2-one							108-10-1 123-42-2
$T/K = 298.15$										90F1
x_1	0.0000	0.1301	0.2473	0.3676	0.4821	0.5836	0.6974	0.8046	0.9001	0.9001
$\eta /(\text{mPa s})$	2.884	2.157	1.707	1.351	1.108	0.943	0.796	0.687	0.608	0.608
x_1	1.0000									
$\eta /(\text{mPa s})$	0.541									
2375	C₆H₁₂O (1) C₆H₁₂O₃ (2)		4-methyl-pentan-2-one acetic acid 2-ethoxy-ethyl ester							108-10-1 111-15-9
$T/K = 298.15$										90F1

η /(mPa s) 0.541

2380 **C₆H₁₂O (1)** **4-methyl-pentan-2-one** **108-10-1**
 C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

 T /K = 293.15 95Y1 x_2 0.0000 0.1406 0.2714 0.4041 0.4720 0.5049 0.5383 0.5709 0.6008 η /(mPa s) 0.588 0.530 0.551 0.601 0.610 0.644 0.638 0.634 0.631 x_2 0.7338 0.8602 1.0000 η /(mPa s) 0.624 0.607 0.585 T /K = 298.15 90F1 x_1 0.0000 0.1409 0.2260 0.3369 0.4463 0.5673 0.6366 0.8014 0.9061 η /(mPa s) 0.601 0.590 0.583 0.576 0.569 0.563 0.559 0.551 0.546 x_1 1.0000 η /(mPa s) 0.541

2381 **C₆H₁₂O (1)** **4-methyl-pentan-2-one** **108-10-1**
 C₈H₁₆ (2) **ethylcyclohexane** **1678-91-7**

 T /K = 298.15 90F1 x_1 0.0000 0.1314 0.2549 0.3669 0.4730 0.5856 0.7041 0.8091 0.9079 η /(mPa s) 0.783 0.695 0.645 0.621 0.600 0.583 0.567 0.556 0.547 x_1 1.0000 η /(mPa s) 0.541

2382 **C₆H₁₂O (1)** **4-methyl-pentan-2-one** **108-10-1**
 C₁₂H₂₇O₄P (2) **phosphoric acid tributyl ester** **126-73-8**

 T /°C = 25.0 94R5 x_2 0.000 0.102 0.209 0.407 0.501 0.601 0.804 1.000 η /(mPa s) 0.588 0.735 0.959 1.445 1.693 1.976 2.553 3.092 T /°C = 30.0 94R5 x_2 0.000 0.102 0.209 0.407 0.501 0.601 0.804 1.000 η /(mPa s) 0.551 0.698 0.885 1.287 1.527 1.795 2.335 2.816 T /°C = 35.0 94R5 x_2 0.000 0.102 0.209 0.407 0.501 0.601 0.804 1.000 η /(mPa s) 0.516 0.651 0.827 1.187 1.403 1.637 2.101 2.517 T /°C = 40.0 94R5 x_2 0.000 0.102 0.209 0.407 0.501 0.601 0.804 1.000 η /(mPa s) 0.489 0.619 0.778 1.107 1.300 1.521 1.911 2.283 T /°C = 45.0 94R5

x_2	0.000	0.102	0.209	0.407	0.501	0.601	0.804	1.000
η /(mPa s)	0.470	0.586	0.735	1.008	1.179	1.376	1.779	2.116

2383 **C₆H₁₂O₂ (1)** **propionic acid propyl ester** **106-36-5**
C₆H₁₃Cl (2) **1-chloro-hexane** **544-10-5**

$T/K = 298.15$ 95P2

x_1	0.0000	0.1046	0.2146	0.3112	0.4154	0.5138	0.6186	0.7033	0.7966
ν /(mm ² /s)	0.7856	0.7730	0.7629	0.7543	0.7475	0.7379	0.7310	0.7252	0.7197
x_1	0.8925	1.0000							
ν /(mm ² /s)	0.7165	0.7111							

2384 **C₆H₁₂O₂ (1)** **acetic acid butyl ester** **123-86-4**
C₆H₁₄ (2) **hexane** **110-54-3**

$T/K = 298.15$ 88A4

x_1	0.1335	0.2322	0.3294	0.4644	0.5644	0.6697	0.8002	0.8967	0.9324
η /(mPa s)	0.3275	0.3509	0.3762	0.4191	0.4558	0.4996	0.5626	0.6164	0.6456

2385 **C₆H₁₂O₂ (1)** **butyric acid ethyl ester** **105-54-4**
C₆H₁₄ (2) **hexane** **110-54-3**

$T/K = 303.15$ 92O1

x_1	0.0000	0.1354	0.2995	0.3884	0.4879	0.7244	1.0000		
η /(mPa s)	0.2859	0.3067	0.3404	0.3564	0.3880	0.4602	0.5776		

2386 **C₆H₁₂O₂ (1)** **propionic acid propyl ester** **106-36-5**
C₆H₁₄ (2) **hexane** **110-54-3**

$T/K = 298.15$ 98C2

x_1	0.0000	0.0581	0.1227	0.2151	0.3111	0.3983	0.4343	0.4898	0.5466
η /(mPa s)	0.291	0.299	0.310	0.330	0.355	0.379	0.389	0.401	0.421
x_1	0.5860	0.6800	0.8894	0.9133	1.0000				
η /(mPa s)	0.433	0.465	0.557	0.573	0.641				

2387 **C₆H₁₂O₂ (1)** **acetic acid butyl ester** **123-86-4**
C₆H₁₄O₂ (2) **2-butoxy-ethanol** **111-76-2**

$T/K = 308.15$ 96V1

x_1	0.0000	0.1534	0.2558	0.3108	0.3642	0.4898	0.6104	0.7260	0.7903
η /(mPa s)	2.1106	1.6713	1.4080	1.3047	1.1958	1.0223	0.9172	0.8173	0.7662
x_1	0.8581	1.0000							
η /(mPa s)	0.7333	0.6054							

2388	C₆H₁₂O₂ (1)	acetic acid butyl ester							123-86-4	
	C₆H₁₄O₃ (2)	1-methoxy-2-(2-methoxy-ethoxy)-ethane							111-96-6	
<i>T</i> /K = 298.15									96A5	
<i>x</i> ₂	0.20	0.35	0.50	0.65	0.80					
<i>η</i> /(mPa s)	0.734	0.778	0.822	0.873	0.924					
<i>T</i> /K = 298.15									93A3	
<i>x</i> ₂	0.0000	0.0984	0.1972	0.3029	0.4013	0.4999	0.5960	0.6999	0.8241	
<i>η</i> /(mPa s)	0.679	0.706	0.734	0.764	0.791	0.822	0.852	0.884	0.924	
<i>x</i> ₂	0.8975	1.0000								
<i>η</i> /(mPa s)	0.948	0.973								
<i>T</i> /K = 303.15									93A3	
<i>x</i> ₂	0.0000	0.0984	0.1972	0.3029	0.4013	0.4999	0.5960	0.6999	0.8241	
<i>η</i> /(mPa s)	0.634	0.659	0.684	0.712	0.736	0.764	0.791	0.820	0.856	
<i>x</i> ₂	0.8975	1.0000								
<i>η</i> /(mPa s)	0.878	0.904								
<i>T</i> /K = 308.15									93A3	
<i>x</i> ₂	0.0000	0.0984	0.1972	0.3029	0.4013	0.4999	0.5960	0.6999	0.8241	
<i>η</i> /(mPa s)	0.594	0.616	0.639	0.664	0.686	0.714	0.737	0.763	0.796	
<i>x</i> ₂	0.8975	1.0000								
<i>η</i> /(mPa s)	0.816	0.839								
<i>T</i> /K = 313.15									93A3	
<i>x</i> ₂	0.0000	0.0984	0.1972	0.3029	0.4013	0.4999	0.5960	0.6999	0.8241	
<i>η</i> /(mPa s)	0.557	0.578	0.599	0.622	0.641	0.665	0.690	0.712	0.742	
<i>x</i> ₂	0.8975	1.0000								
<i>η</i> /(mPa s)	0.759	0.781								
<i>T</i> /K = 318.15									93A3	
<i>x</i> ₂	0.0000	0.0984	0.1972	0.3029	0.4013	0.4999	0.5960	0.6999	0.8241	
<i>η</i> /(mPa s)	0.524	0.542	0.562	0.583	0.601	0.622	0.642	0.665	0.692	
<i>x</i> ₂	0.8975	1.0000								
<i>η</i> /(mPa s)	0.709	0.728								
2389	C₆H₁₂O₂ (1)	propionic acid propyl ester							106-36-5	
	C₇H₈ (2)	toluene							108-88-3	
<i>T</i> /K = 298.15									95P2	
<i>x</i> ₁	0.0000	0.1334	0.2991	0.5087	0.6649	0.8609	1.0000			
<i>v</i> /(mm ² /s)	0.6345	0.6423	0.6555	0.6713	0.6827	0.6970	0.7111			

2390	C₆H₁₂O₂ (1) C₇H₈O (2)	4-hydroxy-4-methyl-pentan-2-one phenylmethanol							123-42-2 100-51-6
<i>T</i> /K = 298.15									
<i>x</i> ₂	0.0000	0.0518	0.1087	0.1705	0.2406	0.3325	0.3445	0.4344	0.5378
<i>η</i> /(mPa s)	2.902	2.886	3.021	3.199	3.410	3.670	3.703	3.968	4.295
<i>x</i> ₂	0.6345	0.7171	0.7554	0.8122	0.8780	0.9123	0.9146	1.0000	
<i>η</i> /(mPa s)	4.596	4.831	4.935	5.096	5.303	5.420	5.430	5.737	
2391	C₆H₁₂O₂ (1) C₇H₁₄ (2)	propionic acid propyl ester methylcyclohexane							106-36-5 108-87-2
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.1204	0.2062	0.2942	0.4008	0.4990	0.5994	0.6926	0.8025
<i>v</i> /(mm ² /s)	0.8807	0.8237	0.7942	0.7710	0.7491	0.7339	0.7223	0.7150	0.7096
<i>x</i> ₁	0.8963	1.0000							
<i>v</i> /(mm ² /s)	0.7081	0.7111							
2392	C₆H₁₂O₂ (1) C₇H₁₄O₂ (2)	acetic acid butyl ester acetic acid 3-methyl-butyl ester							123-86-4 123-92-2
<i>T</i> /°C = 20.0									
<i>x</i> ₂	0.0	0.2	0.4	0.6	0.8	1.0			
<i>η</i> /(mPa s)	0.724	0.750	0.776	0.802	0.831	0.860			
<i>T</i> /°C = 40.0									
<i>x</i> ₂	0.0	0.2	0.4	0.6	0.8	1.0			
<i>η</i> /(mPa s)	0.556	0.575	0.592	0.611	0.629	0.649			
<i>T</i> /°C = 60.0									
<i>x</i> ₂	0.0	0.2	0.4	0.6	0.8	1.0			
<i>η</i> /(mPa s)	0.442	0.455	0.468	0.481	0.494	0.506			
2393	C₆H₁₂O₂ (1) C₇H₁₄O₂ (2)	acetic acid butyl ester acetic acid pentyl ester							123-86-4 628-63-7
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.1115	0.2559	0.3941	0.5285	0.6578	0.7859	0.9088	1.0000
<i>η</i> /(mPa s)	0.856	0.834	0.810	0.787	0.760	0.738	0.715	0.694	0.678
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.1115	0.2559	0.3941	0.5285	0.6578	0.7859	0.9088	1.0000
<i>v</i> /(mm ² /s)	0.982	0.956	0.928	0.901	0.870	0.844	0.817	0.793	0.774
2394	C₆H₁₂O₂ (1)	acetic acid butyl ester							123-86-4

	C₇H₁₆ (2)		heptane					142-82-5	
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0364	0.1529	0.2504	0.3266	0.4281	0.5399	0.6531	0.7531	0.8609
<i>η</i> /(mPa s)	0.4006	0.4135	0.4295	0.4449	0.4667	0.4974	0.5328	0.5696	0.6155
<i>x</i> ₁	0.9693								
<i>η</i> /(mPa s)	0.6674								
<i>T</i> /°C = 25.0									
<i>x</i> ₁	0.0000	0.1285	0.1483	0.1932	0.2420	0.2770	0.3238	0.3897	0.4439
<i>v</i> /(mm ² /s)	0.579	0.582	0.583	0.585	0.590	0.593	0.599	0.608	0.617
<i>x</i> ₁	0.4654	0.4892	0.6150	0.7050	0.8270	0.9050	1.0000		
<i>v</i> /(mm ² /s)	0.620	0.625	0.650	0.673	0.708	0.734	0.772		
2395									
	C₆H₁₂O₂ (1)		butyric acid ethyl ester					105-54-4	
	C₇H₁₆ (2)		heptane					142-82-5	
<i>T</i> /K = 308.15									
<i>x</i> ₁	0.0000	0.0502	0.1025	0.2204	0.2988	0.3991	0.5188	0.6073	0.6954
<i>η</i> /(mPa s)	0.353	0.356	0.360	0.373	0.383	0.398	0.421	0.442	0.467
<i>x</i> ₁	0.8003	0.9011	0.9513	1.0000					
<i>η</i> /(mPa s)	0.499	0.544	0.570	0.576					
<i>T</i> /K = 318.15									
<i>x</i> ₁	0.0000	0.0502	0.1025	0.2204	0.2988	0.3991	0.5188	0.6073	0.6954
<i>η</i> /(mPa s)	0.320	0.325	0.330	0.344	0.354	0.371	0.393	0.415	0.436
<i>x</i> ₁	0.8003	0.9011	0.9513	1.0000					
<i>η</i> /(mPa s)	0.469	0.518	0.539	0.538					
2396									
	C₆H₁₂O₂ (1)		pentanoic acid methyl ester					624-24-8	
	C₇H₁₆ (2)		heptane					142-82-5	
<i>T</i> /°C = 25.0									
<i>x</i> ₁	0.0000	0.2544	0.3215	0.3786	0.4155	0.4603	0.5160	0.5871	0.6308
<i>v</i> /(mm ² /s)	0.574	0.581	0.588	0.595	0.600	0.607	0.616	0.630	0.651
<i>x</i> ₁	0.7398	0.8100	0.8950	1.0000					
<i>v</i> /(mm ² /s)	0.666	0.685	0.710	0.748					
2397									
	C₆H₁₂O₂ (1)		propionic acid propyl ester					106-36-5	
	C₇H₁₆ (2)		heptane					142-82-5	
<i>T</i> /°C = 25.0									
<i>x</i> ₁	0.0000	0.2722	0.3298	0.4002	0.4832	0.5389	0.6091	0.7003	0.8238
<i>v</i> /(mm ² /s)	0.574	0.580	0.585	0.593	0.603	0.612	0.623	0.641	0.669

x_1	0.9034	1.0000
$\nu / (\text{mm}^2/\text{s})$	0.690	0.720

2398	C₆H₁₂O₂ (1) C₈H₁₀ (2)	acetic acid butyl ester 1,2-dimethyl-benzene	123-86-4 95-47-6
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$T/\text{K} = 303.15$

95R2

x_1	0.0000	0.1704	0.2732	0.3489	0.4037	0.5168	0.6323	0.6625	0.7804
$\eta / (\text{mPa s})$	0.693	0.803	0.871	0.920	0.958	1.038	1.119	1.142	1.226

x_1	0.8672	1.0000
$\eta / (\text{mPa s})$	1.288	1.384

2399	C₆H₁₂O₂ (1) C₈H₁₀ (2)	acetic acid butyl ester 1,3-dimethyl-benzene	123-86-4 108-38-3
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$T/\text{K} = 303.15$

95R2

x_1	0.0000	0.1666	0.2307	0.3015	0.4094	0.4958	0.5808	0.6704	0.7604
$\eta / (\text{mPa s})$	0.547	0.661	0.704	0.758	0.846	0.922	0.998	1.078	1.162

x_1	0.9306	1.0000
$\eta / (\text{mPa s})$	1.318	1.384

2400	C₆H₁₂O₂ (1) C₈H₁₀ (2)	acetic acid butyl ester 1,4-dimethyl-benzene	123-86-4 106-42-3
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$T/\text{K} = 303.15$

95R2

x_1	0.0000	0.1785	0.2766	0.3998	0.4422	0.5026	0.5559	0.6345	0.7637
$\eta / (\text{mPa s})$	0.567	0.567	0.604	0.688	0.724	0.781	0.834	0.920	1.075

x_1	0.8673	1.0000
$\eta / (\text{mPa s})$	1.209	1.384

2401	C₆H₁₂O₂ (1) C₈H₁₀ (2)	propionic acid propyl ester 1,4-dimethyl-benzene	106-36-5 106-42-3
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$T/\text{K} = 298.15$

95P2

x_1	0.0000	0.1170	0.2997	0.5116	0.6660	0.8581	1.0000
$\nu / (\text{mm}^2/\text{s})$	0.6975	0.6948	0.6949	0.6970	0.6991	0.7029	0.7111

2402	C₆H₁₂O₂ (1) C₈H₁₈ (2)	acetic acid butyl ester octane	123-86-4 111-65-9
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$T/\text{K} = 298.15$

88A4

x_1	0.0442	0.1275	0.2822	0.3556	0.4596	0.5629	0.6356	0.7305	0.8441
$\eta / (\text{mPa s})$	0.5144	0.5154	0.5241	0.5333	0.5465	0.5633	0.5776	0.5991	0.6298

x_1 0.9724
 η /(mPa s) 0.6725

2403 **C₆H₁₂O₂ (1)** **hexanoic acid** **142-62-1**
 C₈H₁₈ (2) **octane** **111-65-9**

$T/^\circ\text{C} = 25.0$ 66M1

x_1 0.0000 0.1382 0.2487 0.3618 0.4693 0.5754 0.6572 0.7426 0.8179
 η /(mPa s) 0.511 0.593 0.675 0.783 0.917 1.085 1.264 1.502 1.770

x_1 0.9228 1.0000
 η /(mPa s) 2.289 2.826

$T/^\circ\text{C} = 40.0$ 66M1

x_1 0.0000 0.1382 0.2487 0.3618 0.4693 0.5754 0.6572 0.7426 0.8179
 η /(mPa s) 0.431 0.496 0.561 0.643 0.749 0.875 1.011 1.184 1.376

x_1 0.9228 1.0000
 η /(mPa s) 1.730 2.054

$T/^\circ\text{C} = 55.0$ 66M1

x_1 0.0000 0.1382 0.2487 0.3618 0.4693 0.5754 0.6572 0.7426 0.8179
 η /(mPa s) 0.367 0.421 0.471 0.536 0.620 0.718 0.821 0.954 1.097

x_1 0.9228 1.0000
 η /(mPa s) 1.354 1.609

2404 **C₆H₁₂O₂ (1)** **pentanoic acid methyl ester** **624-24-8**
 C₈H₁₈ (2) **octane** **111-65-9**

$T/^\circ\text{C} = 15.0$ 78D1

x_1 0.0000 0.4190 0.4703 0.5358 0.5906 0.6977 1.0000
 ν /(mm²/s) 0.816 0.778 0.779 0.781 0.785 0.795 0.850

2405 **C₆H₁₂O₂ (1)** **propionic acid propyl ester** **106-36-5**
 C₉H₁₈ (2) **1,2,4-trimethyl-cyclohexane (mixture of *cis* and *trans*)** **2234-75-5**

$T/\text{K} = 298.15$ 95P2

x_1 0.0000 0.1107 0.2027 0.3112 0.4066 0.5104 0.6105 0.7006 0.7925
 ν /(mm²/s) 0.9976 0.9353 0.8938 0.8531 0.8227 0.7940 0.7705 0.7520 0.7359

x_1 0.8862 1.0000
 ν /(mm²/s) 0.7238 0.7111

2406 **C₆H₁₂O₂ (1)** **acetic acid butyl ester** **123-86-4**
 C₉H₂₀ (2) **nonane** **111-84-2**

$T/\text{K} = 298.15$ 88A4

x_1	0.0459	0.1339	0.2324	0.3814	0.4218	0.4836	0.5989	0.6580	0.7574
η /(mPa s)	0.6602	0.6474	0.6291	0.6318	0.6304	0.6314	0.6320	0.6382	0.6466
x_1	0.8386	0.9486							
η /(mPa s)	0.6563	0.6723							

2407 **C₆H₁₂O₂ (1)** **acetic acid butyl ester** **123-86-4**
C₁₀H₂₂ (2) **decane** **124-18-5**

$T/K = 298.15$ 88A4

x_1	0.3547	0.4366	0.5357	0.6473	0.7119	0.8212	0.9331		
η /(mPa s)	0.7515	0.7352	0.7168	0.6958	0.6854	0.6851	0.7782		

$T/^\circ\text{C} = 25.0$ 78D1

x_1	0.0000	0.3306	0.4069	0.4872	0.5289	0.5784	0.6069	0.6382	0.7118
ν /(mm ² /s)	1.158	0.975	0.944	0.913	0.899	0.882	0.873	0.863	0.840
x_1	0.7553	0.8606	0.9250	1.0000					
ν /(mm ² /s)	0.828	0.801	0.787	0.773					

2408 **C₆H₁₂O₂ (1)** **hexanoic acid** **142-62-1**
C₁₂H₁₁N (2) **diphenylamine** **122-39-4**

$T/^\circ\text{C} = 50.0$ 59U1

x_2	0.0000	0.2111	0.3983	0.5672	0.7957	1.0000			
η /(mPa s)	1.762	2.271	2.789	3.497	4.496	6.100			

$T/^\circ\text{C} = 70.0$ 59U1

x_2	0.0000	0.2111	0.3983	0.5672	0.7957	1.0000			
η /(mPa s)	1.300	1.581	1.874	2.206	2.723	3.260			

$T/^\circ\text{C} = 80.0$ 59U1

x_2	0.0000	0.2111	0.3983	0.5672	0.7957	1.0000			
η /(mPa s)	1.163	1.356	1.571	1.831	2.160	2.570			

2409 **C₆H₁₂O₂ (1)** **acetic acid butyl ester** **123-86-4**
C₁₂H₂₆ (2) **dodecane** **112-40-3**

$T/K = 298.15$ 88A4

x_1	0.1330	0.2982	0.4364	0.4791	0.5426	0.6830	0.7904	0.8705	0.9238
η /(mPa s)	1.2308	1.0896	0.9867	0.9597	0.9188	0.8358	0.7782	0.7393	0.7176

x_1	0.9757								
η /(mPa s)	0.6938								

2410 **C₆H₁₂O₂ (1)** **acetic acid butyl ester** **123-86-4**
C₁₂H₂₇BrSn (2) **bromo-tributyl-stannane** **2116-80-5**

$T/^\circ\text{C} = 25.0$									93M4
x_2	0.0000	0.0499	0.1000	0.1491	0.2000	0.2502	0.3000	0.3499	0.4000
$\eta/(\text{mPa s})$	0.661	0.772	0.861	0.991	1.11	1.27	1.41	1.58	1.71
x_2	0.4446	0.5001	0.5497	0.5996	0.6498	0.6995	0.7508	0.7996	0.8483
$\eta/(\text{mPa s})$	1.88	2.09	2.25	2.45	2.62	2.80	2.97	3.26	3.42
x_2	0.9005	0.9518	1.0000						
$\eta/(\text{mPa s})$	3.72	3.74	3.76						
$T/^\circ\text{C} = 50.0$									93M4
x_2	0.0000	0.0499	0.1000	0.1491	0.2000	0.2502	0.3000	0.3499	0.4000
$\eta/(\text{mPa s})$	0.490	0.558	0.613	0.681	0.762	0.843	0.916	1.01	1.08
x_2	0.4446	0.5001	0.5497	0.5996	0.6498	0.6995	0.7508	0.7996	0.8483
$\eta/(\text{mPa s})$	1.16	1.27	1.35	1.44	1.53	1.63	1.71	1.88	1.98
x_2	0.9005	0.9518	1.0000						
$\eta/(\text{mPa s})$	2.06	2.12	2.14						
$T/^\circ\text{C} = 70.0$									93M4
x_2	0.0000	0.0499	0.1000	0.1491	0.2000	0.2502	0.3000	0.3499	0.4000
$\eta/(\text{mPa s})$	0.395	0.446	0.484	0.533	0.588	0.637	0.693	0.774	0.802
x_2	0.4446	0.5001	0.5497	0.5996	0.6498	0.6995	0.7508	0.7996	0.8483
$\eta/(\text{mPa s})$	0.842	0.930	0.937	1.04	1.09	1.16	1.23	1.32	1.39
x_2	0.9005	0.9518	1.0000						
$\eta/(\text{mPa s})$	1.45	1.48	1.51						

2411	$\text{C}_6\text{H}_{12}\text{O}_2$ (1)	acetic acid butyl ester						123-86-4	
	$\text{C}_{12}\text{H}_{27}\text{ClSn}$ (2)	chloro-tributyl-stannane						1461-22-9	
$T/^\circ\text{C} = 25.0$									93M4
x_2	0.0000	0.0500	0.1000	0.1501	0.2013	0.2517	0.2985	0.3092	0.3476
$\eta/(\text{mPa s})$	0.661	0.778	0.898	1.05	1.20	1.38	1.54	1.59	1.72
x_2	0.3924	0.4495	0.4998	0.5501	0.5862	0.6459	0.6916	0.7456	0.8009
$\eta/(\text{mPa s})$	1.91	2.14	2.37	2.59	2.76	3.12	3.36	3.64	3.91
x_2	0.8498	0.9009	0.9551	1.0000					
$\eta/(\text{mPa s})$	4.21	4.38	4.46	4.573					
$T/^\circ\text{C} = 50.0$									93M4
x_2	0.0000	0.0500	0.1000	0.1501	0.2013	0.2517	0.3092	0.3476	0.3924
$\eta/(\text{mPa s})$	0.490	0.550	0.620	0.713	0.780	0.875	0.997	1.08	1.17
x_2	0.4495	0.4998	0.5501	0.5862	0.6459	0.6916	0.7456	0.8009	0.8498
$\eta/(\text{mPa s})$	1.32	1.44	1.56	1.66	1.82	1.96	2.10	2.23	2.31
x_2	0.9009	0.9551	1.0000						
$\eta/(\text{mPa s})$	2.39	2.42	2.43						
$T/^\circ\text{C} = 70.0$									93M4

x_2	0.0000	0.0500	0.1000	0.1501	0.2013	0.2517	0.3092	0.3476	0.3924
η /(mPa s)	0.395	0.450	0.500	0.547	0.611	0.670	0.750	0.800	0.865
x_2	0.4495	0.4998	0.5501	0.5862	0.6459	0.6916	0.7456	0.8009	0.8498
η /(mPa s)	0.966	1.05	1.12	1.17	1.30	1.38	1.46	1.54	1.60
x_2	0.9009	0.9551	1.0000						
η /(mPa s)	1.64	1.65	1.66						

2412 **C₆H₁₂O₂ (1)** **acetic acid butyl ester** **123-86-4**
C₁₄H₃₀ (2) **tetradecane** **629-59-4**

$T/K = 298.15$ 88A4

x_1	0.1284	0.2404	0.3362	0.4227	0.5018	0.5367	0.5715	0.6959	0.8024
η /(mPa s)	1.8246	1.6216	1.4673	1.3393	1.2303	1.1833	1.1416	0.9335	0.8736
x_1	0.8903	0.9480							
η /(mPa s)	0.7842	0.7283							

2413 **C₆H₁₂O₂ (1)** **propionic acid propyl ester** **106-36-5**
C₁₆H₃₃Cl (2) **1-chloro-hexadecane** **4860-03-1**

$T/K = 298.15$ 95P2

x_1	0.0000	0.1119	0.2107	0.3075	0.4290	0.5030	0.6009	0.6978	0.8019
ν /(mm ² /s)	6.305	5.323	4.534	4.042	3.065	2.650	2.156	1.716	1.333
x_1	0.8902	1.0000							
ν /(mm ² /s)	1.025	0.7111							

2414 **C₆H₁₂O₂ (1)** **acetic acid butyl ester** **123-86-4**
C₁₆H₃₄ (2) **hexadecane** **544-76-3**

$T/K = 298.15$ 88A4

x_1	0.0797	0.1270	0.2518	0.3552	0.4446	0.5252	0.5544	0.5940	0.7165
η /(mPa s)	2.7781	2.6062	2.2274	1.9437	1.7165	1.5393	1.4842	1.3896	1.1487
x_1	0.8169	0.8982	0.9520						
η /(mPa s)	0.9655	0.8340	0.2759						

2415 **C₆H₁₃Cl (1)** **1-chloro-hexane** **544-10-5**
C₇H₈ (2) **toluene** **108-88-3**

$T/K = 298.15$ 95P2

x_1	0.0000	0.1318	0.3182	0.5008	0.6948	0.8708	1.0000		
ν /(mm ² /s)	0.6345	0.6377	0.6581	0.6860	0.7204	0.7543	0.7856		

2416 **C₆H₁₃Cl (1)** **1-chloro-hexane** **544-10-5**
C₇H₁₄ (2) **methylcyclohexane** **108-87-2**

$T/K = 298.15$								95P2
x_1	0.0000	0.1074	0.3018	0.5004	0.6947	0.8928	1.0000	
$v/(mm^2/s)$	0.8807	0.8511	0.8165	0.7961	0.7864	0.7821	0.7856	
2417	C₆H₁₃Cl (1) C₈H₁₀ (2)		1-chloro-hexane 1,2-dimethyl-benzene					544-10-5 95-47-6
$T/K = 298.15$								95P2
x_1	0.0000	0.0913	0.3050	0.5003	0.6921	0.8632	1.0000	
$v/(mm^2/s)$	0.8542	0.8377	0.8146	0.8007	0.7904	0.7838	0.7856	
2418	C₆H₁₃Cl (1) C₈H₁₆ (2)		1-chloro-hexane 1,2-dimethyl-cyclohexane (mixture of <i>cis</i> and <i>trans</i>)					544-10-5 583-57-3
$T/K = 298.15$								95P2
x_1	0.0000	0.1142	0.3054	0.5043	0.7010	0.8970	1.0000	
$v/(mm^2/s)$	1.154	1.084	0.9827	0.9061	0.8481	0.8026	0.7856	
2419	C₆H₁₃Cl (1) C₁₆H₃₃Cl (2)		1-chloro-hexane 1-chloro-hexadecane					544-10-5 4860-03-1
$T/^\circ C = 25.0$								71C1
x_2	0.0000	0.2988	0.4443	0.5461	0.6874	1.0000		
$v/(mm^2/s)$	0.7952	1.857	2.548	3.104	3.975	6.299		
2420	C₆H₁₃Cl (1) C₁₆H₃₄ (2)		1-chloro-hexane hexadecane					544-10-5 544-76-3
$T/^\circ C = 25.0$								69C2
x_2	0.0000	0.1413	0.1478	0.1944	0.2058	0.3072	0.4454	0.5320
$v/(mm^2/s)$	0.7952	1.108	1.120	1.220	1.259	1.529	1.909	2.166
x_2	0.6893	0.8311	1.0000					
$v/(mm^2/s)$	2.709	3.252	3.970					
2421	C₆H₁₄ (1) C₆H₁₄O (2)		hexane hexan-1-ol					110-54-3 111-27-3
$T/K = 298.15$								95F1
x_1	0.0000	0.1327	0.1854	0.2308	0.3137	0.4404	0.4841	0.6117
$\eta/(mPa\ s)$	4.862	3.088	2.578	2.207	1.632	1.072	0.941	0.648
x_1	0.7122	0.8046	0.8997	0.9493	1.0000			
$\eta/(mPa\ s)$	0.501	0.408	0.338	0.309	0.2861			

$T/^\circ\text{C} = 30.0$										84S2
x_1	0.0000	0.0954	0.1918	0.2892	0.3876	0.4870	0.5574	0.6890	0.7915	
$\eta/(\text{mPa s})$	3.769	2.883	2.180	1.600	1.190	0.8951	0.6793	0.5301	0.4188	
x_1	0.8952	1.0000								
$\eta/(\text{mPa s})$	0.3557	0.2977								
$T/^\circ\text{C} = 40.0$										84S2
x_1	0.0000	0.0954	0.1918	0.2892	0.3876	0.4870	0.5574	0.6890	0.7915	
$\eta/(\text{mPa s})$	2.934	2.219	1.710	1.295	0.9896	0.7581	0.5894	0.4749	0.3791	
x_1	0.8952	1.0000								
$\eta/(\text{mPa s})$	0.3285	0.2768								
$T/^\circ\text{C} = 50.0$										84S2
x_1	0.0000	0.0954	0.1918	0.2892	0.3876	0.4870	0.5574	0.6890	0.7915	
$\eta/(\text{mPa s})$	2.169	1.682	1.320	1.020	0.8098	0.6263	0.5103	0.4040	0.3396	
x_1	0.8952	1.0000								
$\eta/(\text{mPa s})$	0.2844	0.2524								
$T/^\circ\text{C} = 60.0$										84S2
x_1	0.0000	0.0954	0.1918	0.2892	0.3876	0.4870	0.5574	0.6890	0.7915	
$\eta/(\text{mPa s})$	1.655	1.321	1.030	0.8313	0.6497	0.5261	0.4298	0.3577	0.2995	
x_1	0.8952	1.0000								
$\eta/(\text{mPa s})$	0.2607	0.2347								
$T/^\circ\text{C} = 30.0$										84S2
x_1	0.0000	0.0954	0.1918	0.2892	0.3876	0.4870	0.5574	0.6890	0.7915	
$\nu/(\text{mm}^2/\text{s})$	4.628	3.602	2.780	2.076	1.578	1.210	0.9402	0.7496	0.6060	
x_1	0.8952	1.0000								
$\nu/(\text{mm}^2/\text{s})$	0.5273	0.4523								
$T/^\circ\text{C} = 40.0$										84S2
x_1	0.0000	0.0954	0.1918	0.2892	0.3876	0.4870	0.5574	0.6890	0.7915	
$\nu/(\text{mm}^2/\text{s})$	3.619	2.788	2.195	1.690	1.323	1.032	0.8231	0.6765	0.5549	
x_1	0.8952	1.0000								
$\nu/(\text{mm}^2/\text{s})$	0.4924	0.4247								
$T/^\circ\text{C} = 50.0$										84S2
x_1	0.0000	0.0954	0.1918	0.2892	0.3876	0.4870	0.5574	0.6890	0.7915	
$\nu/(\text{mm}^2/\text{s})$	2.689	2.125	1.705	1.341	1.090	0.8601	0.7182	0.5822	0.5016	
x_1	0.8952	1.0000								
$\nu/(\text{mm}^2/\text{s})$	0.4307	0.3922								
$T/^\circ\text{C} = 60.0$										84S2
x_1	0.0000	0.0954	0.1918	0.2892	0.3876	0.4870	0.5574	0.6890	0.7915	
$\nu/(\text{mm}^2/\text{s})$	2.059	1.676	1.338	1.101	0.8804	0.7299	0.6100	0.5195	0.4466	
x_1	0.8952	1.0000								

$\nu /(\text{mm}^2/\text{s})$ 0.3996 0.3691

2422 **C₆H₁₄ (1)** **hexane** **110-54-3**
C₆H₁₄O₂ (2) **2-butoxy-ethanol** **111-76-2**

$T/\text{K} = 303.15$ 95S2

x_2 0.0000 0.0327 0.1014 0.1974 0.2974 0.3950 0.4968 0.5957 0.7327
 $\eta /(\text{mPa s})$ 0.264 0.292 0.354 0.456 0.587 0.741 0.930 1.148 1.507

x_2 0.8316 0.8992 0.9658 1.0000
 $\eta /(\text{mPa s})$ 1.793 2.025 2.271 2.401

$T/\text{K} = 313.15$ 95S2

x_2 0.0000 0.0327 0.1014 0.1974 0.2974 0.3950 0.4968 0.5957 0.7327
 $\eta /(\text{mPa s})$ 0.237 0.258 0.310 0.396 0.506 0.634 0.787 0.956 1.230

x_2 0.8316 0.8992 0.9658 1.0000
 $\eta /(\text{mPa s})$ 1.458 1.634 1.790 1.868

2423 **C₆H₁₄ (1)** **hexane** **110-54-3**
C₆H₁₄O₃ (2) **1-methoxy-2-(2-methoxy-ethoxy)-ethane** **111-96-6**

$T/\text{K} = 298.15$ 94A1

x_2 0.0000 0.1017 0.2006 0.3006 0.3974 0.4984 0.5986 0.6954 0.8011
 $\eta /(\text{mPa s})$ 0.298 0.326 0.362 0.407 0.455 0.520 0.584 0.662 0.761

x_2 0.8957 1.0000
 $\eta /(\text{mPa s})$ 0.868 0.991

$T/\text{K} = 303.15$ 94A1

x_2 0.0000 0.1017 0.2006 0.3006 0.3974 0.4984 0.5986 0.6954 0.8011
 $\eta /(\text{mPa s})$ 0.285 0.310 0.344 0.385 0.430 0.490 0.548 0.620 0.710

x_2 0.8957 1.0000
 $\eta /(\text{mPa s})$ 0.806 0.914

$T/\text{K} = 308.15$ 94A1

x_2 0.0000 0.1017 0.2006 0.3006 0.3974 0.4984 0.5986 0.6954 0.8011
 $\eta /(\text{mPa s})$ 0.269 0.294 0.324 0.362 0.404 0.461 0.512 0.576 0.657

x_2 0.8957 1.0000
 $\eta /(\text{mPa s})$ 0.750 0.842

$T/\text{K} = 313.15$ 94A1

x_2 0.0000 0.1017 0.2006 0.3006 0.3974 0.4984 0.5986 0.6954 0.8011
 $\eta /(\text{mPa s})$ 0.257 0.280 0.308 0.345 0.383 0.434 0.482 0.541 0.616

x_2 0.8957 1.0000
 $\eta /(\text{mPa s})$ 0.699 0.786

$T/\text{K} = 318.15$ 94A1

x_2 0.0000 0.1017 0.2006 0.3006 0.3974 0.4984 0.5986 0.6954 0.8011

η /(mPa s)	0.247	0.268	0.285	0.326	0.363	0.410	0.457	0.511	0.579
x_2	0.8957	1.0000							
η /(mPa s)	0.657	0.725							
2424	C₆H₁₄ (1) C₆H₁₅N (2)		hexane triethylamine						110-54-3 121-44-8
T /K = 303.15									92O4
x_2	0.0000	0.1076	0.2064	0.4089	0.5106	0.6081	0.8040	0.9018	1.0000
η /(mPa s)	0.2759	0.2744	0.2760	0.2838	0.2911	0.3002	0.3248	0.3408	0.3592
T /K = 313.15									92O4
x_2	0.0000	0.1076	0.2064	0.4089	0.5106	0.6081	0.8040	0.9018	1.0000
η /(mPa s)	0.2391	0.2432	0.2489	0.2626	0.2710	0.2799	0.3004	0.3125	0.3249
2425	C₆H₁₄ (1) C₇H₈ (2)		hexane toluene						110-54-3 108-88-3
T /K = 298.15									94P1
x_2	0.1483	0.1826	0.2169	0.2524	0.2897	0.3286	0.3707	0.4105	0.4556
η /(mPa s)	0.3210	0.3330	0.3400	0.3480	0.3600	0.3660	0.3770	0.3865	0.3985
x_2	0.5039	0.5520	0.6002	0.6539	0.6976	0.7444			
η /(mPa s)	0.4115	0.4260	0.4400	0.4570	0.4710	0.4860			
$x_2 = 0.25$									91D2
T /°C	25.15	50.10	75.05	100.05					
η /(mPa s)	0.3227	0.2568	0.2092	0.1765					
$x_2 = 0.50$									91D2
T /°C	25.08	50.09	75.17	100.08					
η /(mPa s)	0.3708	0.2943	0.2394	0.2020					
$x_2 = 0.75$									91D2
T /°C	25.13	50.12	75.20	100.20					
η /(mPa s)	0.4404	0.3446	0.2765	0.2302					
$x_2 = 1.00$									91D2
T /°C	25.08	49.99	75.09	100.12					
η /(mPa s)	0.6616	0.4211	0.3336	0.2730					
A table is given in Ref. 91D2 for pressures up to 500 MPa.									91D2
T /°C = 30.0									84S2
x_1	0.0000	0.0826	0.1685	0.2578	0.3509	0.4477	0.5487	0.6541	0.7643
η /(mPa s)	0.5372	0.4983	0.4637	0.4362	0.4117	0.3884	0.3671	0.3492	0.3299
x_1	0.8795	1.0000							
η /(mPa s)	0.3136	0.2977							

$T/^\circ\text{C} = 40.0$									84S2
x_1	0.0000	0.0826	0.1685	0.2578	0.3509	0.4477	0.5487	0.6541	0.7643
$\eta/(\text{mPa s})$	0.4851	0.4542	0.4265	0.4033	0.3782	0.3592	0.3375	0.3202	0.3043
x_1	0.8795	1.0000							
$\eta/(\text{mPa s})$	0.2896	0.2768							
$T/^\circ\text{C} = 50.0$									84S2
x_1	0.0000	0.0826	0.1685	0.2578	0.3509	0.4477	0.5487	0.6541	0.7643
$\eta/(\text{mPa s})$	0.4272	0.4006	0.3747	0.3545	0.3354	0.3184	0.3022	0.2867	0.2736
x_1	0.8795	1.0000							
$\eta/(\text{mPa s})$	0.2620	0.2524							
$T/^\circ\text{C} = 60.0$									84S2
x_1	0.0000	0.0826	0.1685	0.2578	0.3509	0.4477	0.5487	0.6541	0.7643
$\eta/(\text{mPa s})$	0.3905	0.3637	0.3396	0.3205	0.3042	0.2892	0.2756	0.2635	0.2535
x_1	0.8795	1.0000							
$\eta/(\text{mPa s})$	0.2433	0.2347							
$T/\text{K} = 298.15$									81T1
x_1	0.000	0.121	0.211	0.299	0.448	0.600	0.712	0.799	1.000
$\eta/(\text{mPa s})$	0.558	0.504	0.471	0.443	0.403	0.370	0.349	0.335	0.295
$T/\text{K} = 308.15$									81T1
x_1	0.000	0.121	0.211	0.299	0.448	0.600	0.712	0.799	1.000
$\eta/(\text{mPa s})$	0.494	0.448	0.420	0.395	0.361	0.332	0.314	0.302	0.265
$T/\text{K} = 323.15$									81T1
x_1	0.000	0.121	0.211	0.299	0.448	0.600	0.712	0.799	1.000
$\eta/(\text{mPa s})$	0.418	0.382	0.360	0.341	0.314	0.292	0.278	0.255	0.235
$T/^\circ\text{C} = 30.0$									84S2
x_1	0.0000	0.0826	0.1685	0.2578	0.3509	0.4477	0.5487	0.6541	0.7643
$\nu/(\text{mm}^2/\text{s})$	0.6196	0.5959	0.5679	0.5463	0.5285	0.5120	0.4968	0.4853	0.4726
x_1	0.8795	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.4625	0.4523							
$T/^\circ\text{C} = 40.0$									84S2
x_1	0.0000	0.0826	0.1685	0.2578	0.3509	0.4477	0.5487	0.6541	0.7643
$\nu/(\text{mm}^2/\text{s})$	0.5675	0.5449	0.5249	0.5074	0.4899	0.4748	0.4610	0.4510	0.4409
x_1	0.8795	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.4322	0.4247							
$T/^\circ\text{C} = 50.0$									84S2
x_1	0.0000	0.0826	0.1685	0.2578	0.3509	0.4477	0.5487	0.6541	0.7643
$\nu/(\text{mm}^2/\text{s})$	0.5028	0.4836	0.4643	0.4499	0.4367	0.4259	0.4162	0.4078	0.4018
x_1	0.8795	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.3958	0.3922							

$T/^\circ\text{C} = 60.0$										84S2
x_1	0.0000	0.0826	0.1685	0.2578	0.3509	0.4477	0.5487	0.6541	0.7643	
$v/(\text{mm}^2/\text{s})$	0.4608	0.4419	0.4255	0.4114	0.4008	0.3914	0.3844	0.3796	0.3761	
x_1	0.8795	1.0000								
$v/(\text{mm}^2/\text{s})$	0.3726	0.3691								
2426	C₆H₁₄ (1)		hexane							110-54-3
	C₇H₁₂O (2)		4-methyl-cyclohexanone							589-92-4
$T/^\circ\text{C} = 25.0$										67H1
x_2	1.0000	0.8773	0.8029	0.7173	0.6351	0.5558	0.4588	0.3775	0.2840	
$v/(\text{mm}^2/\text{s})$	1.7710	1.3900	1.2176	1.0592	0.9323	0.8328	0.7297	0.6594	0.5907	
x_2	0.1974	0.1062	0.0000							
$v/(\text{mm}^2/\text{s})$	0.5385	0.4921	0.4520							
2427	C₆H₁₄ (1)		hexane							110-54-3
	C₇H₁₄ (2)		methylcyclohexane							108-87-2
$T/\text{K} = 298.15$										90C1
x_2	0.0000	0.1432	0.3353	0.5040	0.6394	0.8488	1.0000			
$v/(\text{mm}^2/\text{s})$	0.4458	0.4807	0.5372	0.6007	0.6570	0.7721	0.8807			
2428	C₆H₁₄ (1)		hexane							110-54-3
	C₇H₁₆ (2)		heptane							142-82-5
$T/\text{K} = 298.15$										95A7
x_1	0.0000	0.1059	0.2067	0.3020	0.4060	0.5051	0.6064	0.7040	0.8008	
$\eta/(\text{mPa s})$	0.3866	0.3792	0.3658	0.3580	0.3485	0.3409	0.3305	0.3227	0.3123	
x_1	0.8993	1.0000								
$\eta/(\text{mPa s})$	0.3075	0.2987								
$T/\text{K} = 298.15$										94P1
x_2	0.2091	0.2355	0.2614	0.2921	0.3245	0.3582	0.3907	0.4279	0.4662	
$\eta/(\text{mPa s})$	0.3150	0.3160	0.3170	0.3190	0.3205	0.3230	0.3250	0.3280	0.3310	
x_2	0.5084	0.5516	0.5986	0.6496	0.6856	0.7266				
$\eta/(\text{mPa s})$	0.3345	0.3390	0.3440	0.3500	0.3545	0.3595				
$w_2 = 0.40$										92A5
T/K	293.353	303.332	312.261	323.144						
$\eta/(\text{mPa s})$	0.3497	0.3167	0.2898	0.2630						
$w_2 = 0.70$										92A5
T/K	288.281	294.311	297.616	303.176	313.278	323.226				

η /(mPa s)	0.4034	0.3776	0.3644	0.3439	0.3114	0.2838			
Tables are given in the original source 92A5 for pressures up to 70 MPa.									
$T/\text{K} = 293.15$									
x_1	0.0000	0.0940	0.1998	0.2952	0.3948	0.4983	0.6038	0.7034	0.7916
η /(mPa s)	0.4107	0.4007	0.3895	0.3798	0.3697	0.3592	0.3486	0.3389	0.3302
x_1	0.9065	1.0000							
η /(mPa s)	0.3193	0.3105							
$T/^\circ\text{C} = 24.7$									
x_2	0.0000	0.1005	0.1957	0.3837	0.5080	0.6023	0.7154	0.8009	0.8944
η /(mPa s)	0.3044	0.3132	0.3202	0.3365	0.3471	0.3554	0.3649	0.3727	0.3801
x_2	1.0000								
η /(mPa s)	0.3899								
$T/\text{K} = 293.15$									
x_1	0.0000	0.0940	0.1998	0.2952	0.3948	0.4983	0.6038	0.7034	0.7916
ν /(mm ² /s)	0.6001	0.5874	0.5762	0.5601	0.5469	0.5332	0.5194	0.5067	0.4954
x_1	0.9065	1.0000							
ν /(mm ² /s)	0.4811	0.4695							
$T/\text{K} = 298.15$									
x_1	0.0000	0.1330	0.2015	0.3004	0.4004	0.4990	0.5965	0.6995	0.8002
ν /(mm ² /s)	0.5702	0.5534	0.5448	0.5325	0.5202	0.5082	0.4963	0.4845	0.4725
x_1	0.9001	1.0000							
ν /(mm ² /s)	0.4611	0.4458							
$w_2 = 0.00$									
$T/^\circ\text{C}$	30.0	50.0	70.0	90.0	110.0	130.0	150.0		
ν /(mm ² /s)	0.450	0.392	0.339	0.292	0.252	0.221	0.192		
$w_2 = 0.25$									
$T/^\circ\text{C}$	-38.1	-25.2	-10.1	0.0	10.1	27.2	39.9	49.9	59.3
ν /(mm ² /s)	0.925	0.775	0.660	0.594	0.549	0.474	0.426	0.398	0.370
$T/^\circ\text{C}$	69.5	79.0	91.4						
ν /(mm ² /s)	0.343	0.323	0.299						
$w_2 = 0.50$									
$T/^\circ\text{C}$	-37.5	-21.9	-10.0	-2.5	19.5	30.0	50.0	69.1	93.4
ν /(mm ² /s)	1.00	0.827	0.696	0.660	0.527	0.485	0.415	0.360	0.310
$w_2 = 0.75$									
$T/^\circ\text{C}$	-36.0	-22.0	-10.9	-0.9	7.6	21.3	30.8	44.0	60.0
ν /(mm ² /s)	1.07	0.901	0.806	0.702	0.646	0.574	0.514	0.461	0.405
$T/^\circ\text{C}$	74.0	89.9	105.0						

$v / (\text{mm}^2/\text{s})$	0.366	0.330	0.295						
$w_2 = 1.00$									55G1
$T / ^\circ\text{C}$	30.0	50.0	70.0	90.0	110.0	130.0	150.0		
$v / (\text{mm}^2/\text{s})$	0.546	0.462	0.396	0.340	0.296	0.259	0.232		
2429	C₆H₁₄ (1) C₇H₁₆O (2)		hexane heptan-1-ol						110-54-3 111-70-6
$T/\text{K} = 303.15$									96S3
x_2	0.0000	0.0308	0.0919	0.1567	0.2496	0.4018	0.4831	0.5780	0.6838
$\eta / (\text{mPa}\cdot\text{s})$	0.2830	0.2866	0.3254	0.3966	0.5095	0.7642	0.9566	1.2479	1.7760
x_2	0.7882	0.8946	0.9642	1.0000					
$\eta / (\text{mPa}\cdot\text{s})$	2.4788	3.5219	4.3837	5.0100					
$T/\text{K} = 313.15$									96S3
x_2	0.0000	0.0308	0.0919	0.1567	0.2496	0.4018	0.4831	0.5780	0.6838
$\eta / (\text{mPa}\cdot\text{s})$	0.2582	0.2693	0.2940	0.3446	0.4493	0.6611	0.7663	0.9882	1.3480
x_2	0.7882	0.8946	0.9642	1.0000					
$\eta / (\text{mPa}\cdot\text{s})$	1.8319	2.4733	3.1745	3.6542					
2430	C₆H₁₄ (1) C₈H₁₀ (2)		hexane 1,2-dimethyl-benzene						110-54-3 95-47-6
$T/\text{K} = 298.15$									90C1
x_2	0.0000	0.1672	0.3486	0.4879	0.6607	0.8402	1.0000		
$v / (\text{mm}^2/\text{s})$	0.4458	0.4745	0.5180	0.5618	0.6321	0.7318	0.8542		
2431	C₆H₁₄ (1) C₈H₁₀ (2)		hexane 1,4-dimethyl-benzene						110-54-3 106-42-3
$T/\text{K} = 298.15$									90C1
x_2	0.0000	0.1549	0.3524	0.4883	0.6608	0.8415	1.0000		
$v / (\text{mm}^2/\text{s})$	0.4458	0.4612	0.4909	0.5182	0.5630	0.6253	0.6975		
2432	C₆H₁₄ (1) C₈H₁₀ (2)		hexane ethylbenzene						110-54-3 100-41-4
$T/\text{K} = 298.15$									97A2
x_2	0.0000	0.1019	0.1987	0.3024	0.4003	0.4992	0.6023	0.7055	0.8021
$\eta / (\text{mPa}\cdot\text{s})$	0.298	0.314	0.334	0.362	0.385	0.417	0.457	0.507	0.566
x_2	0.8935	1.0000							
$\eta / (\text{mPa}\cdot\text{s})$	0.632	0.709							
$T/\text{K} = 303.15$									97A2

x_2	0.0000	0.1019	0.1987	0.3024	0.4003	0.4992	0.6023	0.7055	0.8021
$\eta /(\text{mPa s})$	0.285	0.302	0.319	0.346	0.367	0.397	0.436	0.482	0.534
x_2	0.8935	1.0000							
$\eta /(\text{mPa s})$	0.597	0.662							
$T/\text{K} = 308.15$									97A2
x_2	0.0000	0.1019	0.1987	0.3024	0.4003	0.4992	0.6023	0.7055	0.8021
$\eta /(\text{mPa s})$	0.273	0.290	0.305	0.328	0.351	0.379	0.412	0.455	0.505
x_2	0.8935	1.0000							
$\eta /(\text{mPa s})$	0.560	0.623							
$T/\text{K} = 298.15$									88A5
x_2	0.0000	0.0451	0.1296	0.2198	0.3031	0.3825	0.5481	0.7133	0.8478
$\eta /(\text{mPa s})$	0.3088	0.3109	0.3251	0.3389	0.3579	0.3771	0.4256	0.4908	0.5532
x_2	0.9258	0.9664	1.0000						
$\eta /(\text{mPa s})$	0.5914	0.6136	0.6303						
$T/\text{K} = 298.15$									81T1
x_1	0.000	0.140	0.247	0.337	0.486	0.641	0.731	1.000	
$\eta /(\text{mPa s})$	0.638	0.560	0.510	0.470	0.416	0.365	0.339	0.295	
$T/\text{K} = 308.15$									81T1
x_1	0.000	0.140	0.247	0.337	0.486	0.641	0.731	1.000	
$\eta /(\text{mPa s})$	0.567	0.499	0.454	0.421	0.371	0.326	0.302	0.265	
$T/\text{K} = 323.15$									81T1
x_1	0.000	0.140	0.247	0.337	0.486	0.641	0.731	1.000	
$\eta /(\text{mPa s})$	0.480	0.426	0.390	0.363	0.321	0.283	0.263	0.235	
2433	C₆H₁₄ (1) C₈H₁₄O₂ (2)		hexane 2-methyl-prop-2-enoic acid butyl ester						110-54-3 97-88-1
$T/\text{K} = 303.15$									96S1
x_2	0.0000	0.0331	0.1715	0.3526	0.4450	0.6553	0.7626	0.9475	1.0000
$\eta /(\text{mPa s})$	0.2830	0.2920	0.3284	0.3959	0.4454	0.5664	0.6371	0.7743	0.8508
2434	C₆H₁₄ (1) C₈H₁₆ (2)		hexane cis-1,2-dimethyl-cyclohexane						110-54-3 2207-01-4
$T/\text{K} = 298.15$									90C1
x_2	0.0000	0.1534	0.3524	0.5115	0.6447	0.8475	1.0000		
$\nu /(\text{mm}^2/\text{s})$	0.4458	0.5044	0.6015	0.7030	0.8086	1.034	1.278		
2435	C₆H₁₄ (1) C₈H₁₆ (2)		hexane 1,2-dimethyl-cyclohexane (mixture of cis and trans)						110-54-3 583-57-3

$T/K = 298.15$										90C1
x_2	0.0000	0.3555	0.5228	0.6523	1.0000					
$\nu /(\text{mm}^2/\text{s})$	0.4458	0.5918	0.6880	0.7801	1.154					
2436	C₆H₁₄ (1)		hexane							110-54-3
	C₈H₁₈ (2)		octane							111-65-9
$T/K = 298.15$										95A7
x_1	0.0000	0.1072	0.2073	0.3034	0.4038	0.5101	0.6111	0.7056	0.8050	
$\eta /(\text{mPa s})$	0.5094	0.4782	0.4598	0.4414	0.4124	0.3920	0.3697	0.3510	0.3326	
x_1	0.9018	1.0000								
$\eta /(\text{mPa s})$	0.3172	0.2987								
$T/K = 293.15$										91C2
x_1	0.0000	0.1042	0.1995	0.2959	0.3973	0.4949	0.5975	0.6917	0.7940	
$\eta /(\text{mPa s})$	0.5409	0.5144	0.4909	0.4664	0.4417	0.4189	0.3959	0.3748	0.3527	
x_1	0.8955	1.0000								
$\eta /(\text{mPa s})$	0.3316	0.3105								
$T/K = 293.15$										91C2
x_1	0.0000	0.1042	0.1995	0.2959	0.3973	0.4949	0.5975	0.6917	0.7940	
$\nu /(\text{mm}^2/\text{s})$	0.7697	0.7353	0.7049	0.6731	0.6410	0.6114	0.5814	0.5538	0.5249	
x_1	0.8955	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.4973	0.4695								
$T/K = 298.15$										90C1
x_1	0.0000	0.1008	0.2033	0.3001	0.3997	0.5002	0.5991	0.7005	0.7984	
$\nu /(\text{mm}^2/\text{s})$	0.7251	0.6944	0.6640	0.6355	0.6072	0.5785	0.5518	0.5252	0.4997	
x_1	0.8954	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.4752	0.4458								
$T/^\circ\text{C} = 25.0$										78D1
x_2	0.0000	0.0748	0.1393	0.1953	0.2445	0.3268	0.3929	0.4472	0.5482	
$\nu /(\text{mm}^2/\text{s})$	0.464	0.464	0.482	0.497	0.523	0.544	0.562	0.576	0.603	
x_2	0.6180	0.6692	0.7082	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.621	0.635	0.646	0.728						
$w_2 = 0.00$										55G1
$T/^\circ\text{C}$	30.0	50.0	70.0	90.0	110.0	130.0	150.0			
$\nu /(\text{mm}^2/\text{s})$	0.450	0.392	0.339	0.292	0.252	0.221	0.192			
$w_2 = 0.33$										55G1
$T/^\circ\text{C}$	30.0	44.5	60.5	81.0	100.0	117.0	145.0			
$\nu /(\text{mm}^2/\text{s})$	0.551	0.501	0.396	0.345	0.303	0.271	0.228			

$w_2 = 0.49$									55G1
$T/^\circ\text{C}$	21.0	49.0	60.0	68.5	113.0	147.5			
$v/(\text{mm}^2/\text{s})$	0.595	0.463	0.340	0.300	0.286	0.235			
$w_2 = 0.60$									55G1
$T/^\circ\text{C}$	14.0	25.0	50.0	75.0	97.0	113.5	145.0		
$v/(\text{mm}^2/\text{s})$	0.656	0.595	0.485	0.397	0.335	0.300	0.249		
$w_2 = 1.00$									55G1
$T/^\circ\text{C}$	32.5	50.0	75.0	99.0	123.5	150.0			
$v/(\text{mm}^2/\text{s})$	0.765	0.657	0.521	0.435	0.374	0.322			
2437	C₆H₁₄ (1) C₈H₁₈ (2)	hexane 2,2,4-trimethyl-pentane							110-54-3 540-84-1
$T/\text{K} = 298.15$									85A2
x_2	0.00000	0.05688	0.16120	0.27419	0.34126	0.45853	0.55557	0.61158	
$\eta/(\text{mPa s})$	0.3023	0.3093	0.3278	0.3441	0.3538	0.3730	0.3897	0.3995	
x_2	0.73483	0.78741	0.85198	0.91282	0.95595	1.00000			
$\eta/(\text{mPa s})$	0.4226	0.4329	0.4445	0.4582	0.4674	0.4788			
$T/\text{K} = 298.15$									90C1
x_2	0.0000	0.1501	0.3497	0.5114	0.6548	0.8489	1.0000		
$v/(\text{mm}^2/\text{s})$	0.4458	0.4761	0.5137	0.5501	0.5843	0.6359	0.6832		
2438	C₆H₁₄ (1) C₈H₁₈O (2)	hexane octan-1-ol							110-54-3 111-87-5
$T/\text{K} = 298.15$									95F1
x_1	0.0000	0.1657	0.2119	0.2740	0.3717	0.4775	0.5556	0.6659	
$\eta/(\text{mPa s})$	7.596	4.313	3.677	2.968	2.093	1.432	1.096	0.759	
x_1	0.7638	0.8406	0.9211	0.9597	1.0000				
$\eta/(\text{mPa s})$	0.559	0.443	0.350	0.319	0.2861				
2439	C₆H₁₄ (1) C₉H₁₂ (2)	hexane 1,3,5-trimethyl-benzene							110-54-3 108-67-8
$T/\text{K} = 298.15$									88A5
x_2	0.0000	0.0222	0.0780	0.1935	0.3901	0.4738	0.5981	0.6588	0.8070
$\eta/(\text{mPa s})$	0.3087	0.3089	0.6171	0.3443	0.3971	0.4205	0.4626	0.4825	0.5483
x_2	0.9632	1.0000							
$\eta/(\text{mPa s})$	0.6364	0.6679							

2440	C₆H₁₄ (1)		hexane					110-54-3	
	C₉H₁₈ (2)		1,2,4-trimethyl-cyclohexane (mixture of <i>cis</i> and <i>trans</i>)					2234-75-5	
<i>T</i> /K = 298.15									90C1
<i>x</i> ₂	0.0000	0.1445	0.3457	0.4818	0.6493	0.8498	1.0000		
<i>v</i> /(mm ² /s)	0.4458	0.4962	0.5792	0.6440	0.7398	0.8752	0.9976		
2441	C₆H₁₄ (1)		hexane					110-54-3	
	C₉H₂₀ (2)		nonane					111-84-2	
<i>T</i> /K = 298.15									95A7
<i>x</i> ₁	0.0000	0.1073	0.2100	0.2873	0.4024	0.5044	0.6074	0.7035	0.8040
<i>η</i> /(mPa s)	0.6600	0.6111	0.5693	0.5367	0.5017	0.4527	0.4200	0.3874	0.3547
<i>x</i> ₁	0.9035	1.0000							
<i>η</i> /(mPa s)	0.3272	0.2987							
<i>T</i> /K = 298.15									90C1
<i>x</i> ₁	0.0000	0.1103	0.2240	0.3030	0.4079	0.4912	0.6267	0.6967	0.7860
<i>v</i> /(mm ² /s)	0.9206	0.8592	0.7986	0.7582	0.7065	0.6666	0.6045	0.5733	0.5356
<i>x</i> ₁	0.9007	1.0000							
<i>v</i> /(mm ² /s)	0.4898	0.4458							
2442	C₆H₁₄ (1)		hexane					110-54-3	
	C₁₀H₂₂ (2)		decane					124-18-5	
<i>T</i> /K = 298.15									95A7
<i>x</i> ₁	0.0000	0.1074	0.2074	0.3029	0.4046	0.5041	0.6061	0.7053	0.8034
<i>η</i> /(mPa s)	0.8459	0.7809	0.7182	0.6515	0.5846	0.5315	0.4805	0.4337	0.3791
<i>x</i> ₁	0.9036	1.0000							
<i>η</i> /(mPa s)	0.3365	0.2987							
<i>T</i> /K = 293.15									91C2
<i>x</i> ₁	0.0000	0.1059	0.1979	0.2994	0.4081	0.4971	0.5922	0.6949	0.7966
<i>η</i> /(mPa s)	0.9156	0.8332	0.7654	0.6959	0.6253	0.5700	0.5135	0.4571	0.4046
<i>x</i> ₁	0.9022	1.0000							
<i>η</i> /(mPa s)	0.3542	0.3105							
<i>T</i> /K = 293.15									91C2
<i>x</i> ₁	0.0000	0.1059	0.1979	0.2994	0.4081	0.4971	0.5922	0.6949	0.7966
<i>v</i> /(mm ² /s)	1.2543	1.1487	1.0616	0.9722	0.8812	0.8095	0.7360	0.6626	0.5938
<i>x</i> ₁	0.9022	1.0000							
<i>v</i> /(mm ² /s)	0.5274	0.4695							
<i>T</i> /K = 298.15									90C1

x_1	0.0000	0.1384	0.1927	0.3321	0.4123	0.5131	0.6042	0.7203	0.8048
$\nu/(\text{mm}^2/\text{s})$	1.161	1.040	0.9945	0.8901	0.8220	0.7522	0.6870	0.6126	0.5594
x_1	0.8935	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.5078	0.4458							

2443 **C₆H₁₄ (1)** **hexane** **110-54-3**
C₁₀H₂₂ (2) **2,7-dimethyl-octane** **1072-16-8**

$T/^\circ\text{C} = 25.0$ 13B1

w_1	0.0000	0.3772	0.6450	1.0000
$\eta/(\text{mPa}\cdot\text{s})$	0.8278	0.5525	0.4369	0.3289

$T/^\circ\text{C} = 35.0$ 13B1

w_1	0.0000	0.3772	0.6450	1.0000
$\eta/(\text{mPa}\cdot\text{s})$	0.6702	0.4623	0.3715	0.2828

$T/^\circ\text{C} = 50.0$ 13B1

w_1	0.0000	0.3772	0.6450	1.0000
$\eta/(\text{mPa}\cdot\text{s})$	0.5540	0.3928	0.3199	0.2476

$T/^\circ\text{C} = 65.0$ 13B1

w_1	0.0000	0.3772	0.6450	1.0000
$\eta/(\text{mPa}\cdot\text{s})$	0.4686	0.3399	0.2805	0.2178

2444 **C₆H₁₄ (1)** **3-methyl-pentane** **96-14-0**
C₁₀H₂₂ (2) **decane** **124-18-5**

$T/\text{K} = 298.15$ 90C1

x_1	0.0000	0.1811	0.3964	0.4976	0.5978	0.8024	1.0000		
$\nu/(\text{mm}^2/\text{s})$	1.161	1.004	0.8308	0.7539	0.6825	0.5483	0.4297		

2445 **C₆H₁₄ (1)** **hexane** **110-54-3**
C₁₁H₂₄ (2) **undecane** **1120-21-4**

$T/\text{K} = 298.15$ 95A7

x_1	0.0000	0.1036	0.1988	0.2999	0.4051	0.5076	0.6060	0.7068	0.8048
$\eta/(\text{mPa}\cdot\text{s})$	1.0841	0.9630	0.8760	0.7746	0.6933	0.6090	0.5391	0.4643	0.4044

x_1	0.9022	1.0000							
$\eta/(\text{mPa}\cdot\text{s})$	0.3552	0.2987							

2446 **C₆H₁₄ (1)** **2,2-dimethyl-butane** **75-83-2**
C₁₂H₂₆ (2) **dodecane** **112-40-3**

$T/\text{K} = 298.15$ 95A8

x_1	0.0000	0.0995	0.2015	0.2997	0.3975	0.5013	0.6011	0.7000	0.7997
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η /(mPa s)	1.3791	1.2635	1.1520	1.0556	0.9440	0.8256	0.7202	0.6152	0.5206
x_1	0.9002	1.0000							
η /(mPa s)	0.4256	0.3406							

2447 **C₆H₁₄ (1)** **2,3-dimethyl-butane** **79-29-8**
C₁₂H₂₆ (2) **dodecane** **112-40-3**

$T/K = 298.15$ 95A8

x_1	0.0000	0.1010	0.2039	0.2970	0.4013	0.4985	0.6035	0.7426	0.8116
η /(mPa s)	1.3791	1.2370	1.1268	1.0180	0.8980	0.7936	0.6871	0.5433	0.4795
x_1	0.9014	1.0000							
η /(mPa s)	0.4023	0.3249							

2448 **C₆H₁₄ (1)** **hexane** **110-54-3**
C₁₂H₂₆ (2) **dodecane** **112-40-3**

$T/K = 298.15$ 95A7

x_1	0.0000	0.1128	0.2137	0.3024	0.4043	0.5067	0.6062	0.7222	0.8039
η /(mPa s)	1.3791	1.1959	1.0470	0.9328	0.8164	0.7076	0.6105	0.5009	0.4331
x_1	0.9037	1.0000							
η /(mPa s)	0.3631	0.2987							

$x_2 = 0.0000$ 91K3

$T/^\circ\text{C}$	15.47	25.63	35.34	36.97	44.15	53.39	53.42		
η /(mPa s)	0.3243	0.2929	0.2671	0.2629	0.2465	0.2267	0.2268		

$x_2 = 0.2499$ 91K3

$T/^\circ\text{C}$	15.55	25.32	30.43	35.08	38.27	49.93			
η /(mPa s)	0.5381	0.4774	0.4512	0.4292	0.4144	0.3672			

$x_2 = 0.4998$ 91K3

$T/^\circ\text{C}$	15.28	25.12	35.03	49.53					
η /(mPa s)	0.8240	0.7168	0.6313	0.5301					

$x_2 = 0.7481$ 91K3

$T/^\circ\text{C}$	15.57	25.32	30.42	34.97	50.57	50.57			
η /(mPa s)	1.1695	1.0016	0.9319	0.8716	0.7124	0.7130			

$x_2 = 1.0000$ 91K3

$T/^\circ\text{C}$	15.65	25.07	25.24	34.37	34.42	49.45	69.49		
η /(mPa s)	1.6149	1.3528	1.3503	1.1589	1.1590	0.9256	0.7157		

$T/^\circ\text{C} = 25.0$ 66M1

x_2	0.0000	0.0649	0.1372	0.2063	0.2789	0.3714	0.4612	0.5725	0.7138
η /(mPa s)	0.299	0.345	0.398	0.453	0.506	0.601	0.690	0.813	0.966
x_2	0.8264	1.0000							

η /(mPa s)	1.112	1.363							
$T/^\circ\text{C} = 40.0$									66M1
x_2	0.0000	0.0649	0.1372	0.2063	0.2789	0.3714	0.4612	0.5725	0.7138
η /(mPa s)	0.260	0.296	0.340	0.386	0.430	0.506	0.575	0.668	0.794
x_2	0.8264	1.0000							
η /(mPa s)	0.889	1.062							
$T/^\circ\text{C} = 55.0$									66M1
x_2	0.0000	0.0649	0.1372	0.2063	0.2789	0.3714	0.4612	0.5725	0.7138
η /(mPa s)	0.228	0.257	0.295	0.334	0.370	0.431	0.487	0.561	0.660
x_2	0.8264	1.0000							
η /(mPa s)	0.733	0.855							
$T/^\circ\text{C} = 25.0$									64B2
x_2	0.0000	0.1924	0.4248	0.6050	0.8064	1.0000			
η /(mPa s)	0.2958	0.4343	0.6351	0.8243	1.0673	1.3379			
$T/\text{K} = 298.15$									90C1
x_1	0.0000	0.2004	0.4986	0.8013	1.0000				
ν /(mm ² /s)	1.804	1.443	0.9936	0.6356	0.4458				
$T/^\circ\text{C} = 60.0$									89V2
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
ν /(mm ² /s)	1.102	1.002	0.906	0.819	0.736	0.660	0.586	0.523	0.463
x_1	0.90	1.00							
ν /(mm ² /s)	0.405	0.352							
2449	C₆H₁₄ (1) C₁₂H₂₆ (2)		2-methyl-pentane dodecane						107-83-5 112-40-3
$T/\text{K} = 298.15$									95A8
x_1	0.0000	0.1004	0.2007	0.3018	0.4027	0.5008	0.6002	0.6996	0.8002
η /(mPa s)	1.3791	1.2050	1.0752	0.9390	0.8181	0.7124	0.6097	0.5148	0.4229
x_1	0.9003	1.0000							
η /(mPa s)	0.3443	0.2753							
2450	C₆H₁₄ (1) C₁₂H₂₇N (2)		hexane tributylamine						110-54-3 102-82-9
$T/\text{K} = 303.15$									92O3
x_2	0.0000	0.0982	0.1945	0.3994	0.4950	0.5384	0.7924	0.9030	1.0000
η /(mPa s)	0.2759	0.3305	0.3909	0.5434	0.6230	0.6623	0.9230	1.0498	1.1668
$T/\text{K} = 313.15$									92O3

x_2	0.0000	0.0982	0.1945	0.3994	0.4950	0.5384	0.7924	0.9030	1.0000
$\eta /(\text{mPa s})$	0.2391	0.2890	0.3449	0.4813	0.5536	0.5880	0.8088	0.9100	1.0000
2451	C₆H₁₄ (1) C₁₄H₃₀ (2)		2,3-dimethyl-butane tetradecane						79-29-8 629-59-4
$T/\text{K} = 298.15$									95A8
x_1	0.0000	0.1000	0.2006	0.3044	0.4033	0.5030	0.6031	0.7010	0.8016
$\eta /(\text{mPa s})$	2.0743	1.8838	1.6686	1.4515	1.2458	1.0506	0.8719	0.7123	0.5711
x_1	0.9008	1.0000							
$\eta /(\text{mPa s})$	0.4356	0.3249							
2452	C₆H₁₄ (1) C₁₄H₃₀ (2)		hexane tetradecane						110-54-3 629-59-4
$T/^\circ\text{C} = 25.0$									62H1
x_1	0.000	0.197	0.328	0.499	0.664	0.785	0.887	1.000	
$\eta /(\text{mPa s})$	2.035	1.504	1.254	0.957	0.695	0.529	0.411	0.308	
$T/\text{K} = 298.15$									90C1
x_1	0.0000	0.1998	0.5001	0.6649	1.0000				
$\nu /(\text{mm}^2/\text{s})$	2.716	2.066	1.295	0.9613	0.4458				
$T/^\circ\text{C} = 25.0$									67H1
x_2	0.7946	0.6600	0.5391	0.4430	0.3631	0.2925	0.2192	0.1647	0.1084
$\nu /(\text{mm}^2/\text{s})$	2.0744	1.6736	1.4014	1.1851	1.0186	0.8914	0.7643	0.6770	0.5939
x_2	0.0545								
$\nu /(\text{mm}^2/\text{s})$	0.5196								
2453	C₆H₁₄ (1) C₁₄H₃₀ (2)		2-methyl-pentane tetradecane						107-83-5 629-59-4
$T/\text{K} = 298.15$									95A8
x_1	0.0000	0.1041	0.2003	0.3021	0.4053	0.5024	0.6012	0.7022	0.8003
$\eta /(\text{mPa s})$	2.0743	1.7946	1.5953	1.3624	1.1364	0.9502	0.7806	0.6276	0.4899
x_1	0.8985	1.0000							
$\eta /(\text{mPa s})$	0.3762	0.2753							
2454	C₆H₁₄ (1) C₁₆H₃₄ (2)		2,2-dimethyl-butane hexadecane						75-83-2 544-76-3
$T/\text{K} = 298.15$									95A8
x_1	0.0000	0.1107	0.2098	0.3108	0.4014	0.5013	0.6057	0.7048	0.8022
$\eta /(\text{mPa s})$	3.0930	2.7355	2.4050	2.0707	1.7875	1.4860	1.2107	0.9511	0.7110

x_1	0.9014	1.0000
$\eta /(\text{mPa s})$	0.5046	0.3406

2455	C₆H₁₄ (1)		2,3-dimethyl-butane						79-29-8
	C₁₆H₃₄ (2)		hexadecane						544-76-3

$T/\text{K} = 298.15$									95A8
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x_1	0.0000	0.0846	0.2077	0.2966	0.3988	0.4973	0.6023	0.7034	0.8019
$\eta /(\text{mPa s})$	3.0930	2.7734	2.3253	2.0452	1.7402	1.4317	1.1350	0.8764	0.6623

x_1	0.9002	1.0000
$\eta /(\text{mPa s})$	0.4751	0.3249

2456	C₆H₁₄ (1)		hexane						110-54-3
	C₁₆H₃₄ (2)		hexadecane						544-76-3

$T/\text{K} = 298.15$									95A7
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x_1	0.0000	0.1046	0.1966	0.3000	0.4037	0.5142	0.6072	0.7062	0.8048
$\eta /(\text{mPa s})$	3.0930	2.6585	2.2505	1.8802	1.5474	1.2135	0.9870	0.7626	0.5800

x_1	0.9026	1.0000
$\eta /(\text{mPa s})$	0.4277	0.2987

$x_2 = 0.00$									80D1
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T/K	298.29	323.15	348.38	373.36
$\eta /(\text{mPa s})$	0.2976	0.2357	0.1912	0.1601

$x_2 = 0.20$									80D1
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T/K	298.22	323.19	348.07	373.12
$\eta /(\text{mPa s})$	0.584	0.4426	0.3501	0.2803

$x_2 = 0.40$									80D1
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T/K	298.12	323.33	348.29	373.24
$\eta /(\text{mPa s})$	0.991	0.703	0.522	0.4147

$x_2 = 0.60$									80D1
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T/K	298.15	323.13	348.31	373.18
$\eta /(\text{mPa s})$	1.518	1.028	0.754	0.568

$x_2 = 0.80$									80D1
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T/K	298.09	323.21	348.09	373.17
$\eta /(\text{mPa s})$	2.236	1.409	0.988	0.729

$x_2 = 1.00$									80D1
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T/K	298.08	323.09	348.11	373.24
$\eta /(\text{mPa s})$	3.078	1.845	1.242	0.895

A table is given in Ref. 80D1 for pressures up to 400 MPa.									80D1
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$T/^\circ\text{C} = 25.0$										64B1
x_2	0.0000	0.1995	0.3978	0.5746	0.8011	1.0000				
$\eta/(\text{mPa s})$	0.2958	0.6062	1.0166	1.4530	2.2091	3.0306				
$T/\text{K} = 298.15$										90C1
x_1	0.0000	0.2012	0.4987	0.7998	1.0000					
$\nu/(\text{mm}^2/\text{s})$	3.958	2.897	1.680	0.8361	0.4458					
$T/^\circ\text{C} = 25.0$										67H1
x_2	0.7660	0.7504	0.7414	0.7121	0.6441	0.6314	0.6281	0.6224	0.5251	
$\nu/(\text{mm}^2/\text{s})$	2.7691	2.6937	2.6545	2.5327	2.2412	2.1768	2.1695	2.1344	1.7793	
x_2	0.5244	0.5163	0.4201	0.4170	0.3998	0.3398	0.2640	0.2111	0.1564	
$\nu/(\text{mm}^2/\text{s})$	1.7782	1.7490	1.4299	1.4266	1.3746	1.1996	0.9958	0.8665	0.7438	
x_2	0.1040	0.0553								
$\nu/(\text{mm}^2/\text{s})$	0.6364	0.5452								
2457	C_6H_{14} (1)		2-methyl-pentane							107-83-5
	$\text{C}_{16}\text{H}_{34}$ (2)		hexadecane							544-76-3
$T/\text{K} = 298.15$										95A8
x_1	0.0000	0.1177	0.2071	0.3082	0.4013	0.4982	0.6029	0.7034	0.8025	
$\eta/(\text{mPa s})$	3.0930	2.5724	2.1986	1.8346	1.5304	1.2411	0.9821	0.7606	0.5679	
x_1	0.9006	1.0000								
$\eta/(\text{mPa s})$	0.3949	0.2753								
$T/\text{K} = 298.15$										90C1
x_1	0.0000	0.1527	0.3960	0.5684	0.7887	0.8904	1.0000			
$\nu/(\text{mm}^2/\text{s})$	3.958	3.143	2.057	1.451	0.8313	0.6118	0.4161			
2458	C_6H_{14} (1)		3-methyl-pentane							96-14-0
	$\text{C}_{16}\text{H}_{34}$ (2)		hexadecane							544-76-3
$T/\text{K} = 298.15$										95A8
x_1	0.0000	0.1071	0.2084	0.3095	0.4069	0.5054	0.6034	0.7044	0.8037	
$\eta/(\text{mPa s})$	3.0930	2.6353	2.2239	1.8704	1.5538	1.2744	1.0217	0.7813	0.5939	
x_1	0.9020	1.0000								
$\eta/(\text{mPa s})$	0.4194	0.2880								
$T/\text{K} = 298.15$										90C1
x_1	0.0000	0.2182	0.3888	0.4735	0.5980	0.8049	1.0000			
$\nu/(\text{mm}^2/\text{s})$	3.958	2.866	2.136	1.817	1.396	0.8248	0.4297			
2459	C_6H_{14} (1)		hexane							110-54-3

	C₁₈H₃₄O₂ (2)		<i>cis</i>-octadec-9-enoic acid					112-79-8	
$T/^\circ\text{C} = 45.0$	80E1								
x_1	0.0000	0.0647	0.1036	0.2232	0.3156	0.4167	0.5044	0.6201	0.7052
$\nu/(\text{mm}^2/\text{s})$	16.159	14.085	13.019	9.715	7.500	5.680	4.273	2.858	2.035
x_1	0.8048	0.8994	1.0000						
$\nu/(\text{mm}^2/\text{s})$	1.275	0.770	0.386						
2460	C₆H₁₄ (1)		hexane					110-54-3	
	C₃₀H₆₂ (2)		2,6,10,15,19,23-hexamethyl-tetracosane					111-01-3	
$T/\text{K} = 273.15$	95K5								
x_2	0.000	0.129	0.268	0.469	0.762	1.000			
$\eta/(\text{mPa}\cdot\text{s})$	0.382	1.35	3.96	12.5	49.1	115.4			
$T/\text{K} = 293.15$	95K5								
x_2	0.000	0.129	0.268	0.469	0.762	1.000			
$\eta/(\text{mPa}\cdot\text{s})$	0.310	0.972	2.45	6.30	18.3	36.0			
$T/\text{K} = 313.15$	95K5								
x_2	0.000	0.129	0.268	0.469	0.762	1.000			
$\eta/(\text{mPa}\cdot\text{s})$	0.257	0.739	1.63	3.62	8.84	15.1			
$T/\text{K} = 333.15$	95K5								
x_2	0.000	0.129	0.268	0.762	1.000				
$\eta/(\text{mPa}\cdot\text{s})$	0.218	0.588	1.20	4.98	7.85				
2461	C₆H₁₄ (1)		hexane					110-54-3	
	C₅₇H₁₀₄O₆ (2)		<i>cis</i>-octadec-9-enoic acid 1,2,3-propanetriyl ester					122-32-7	
$T/^\circ\text{C} = 45.0$	80E1								
x_1	0.0000	0.1058	0.2135	0.3206	0.4176	0.5053	0.6104	0.7037	0.8095
$\nu/(\text{mm}^2/\text{s})$	32.753	29.564	26.003	22.660	19.219	15.734	11.959	8.457	4.734
x_1	0.9025	1.0000							
$\nu/(\text{mm}^2/\text{s})$	2.118	0.333							
2462	C₆H₁₄O (1)		hexan-1-ol					111-27-3	
	C₇H₈ (2)		toluene					108-88-3	
$T/^\circ\text{C} = 30.0$	91R3								
x_2	0.0000	0.1511	0.2130	0.3577	0.4872	0.6332	0.7063	0.7736	0.8450
$\eta/(\text{mPa}\cdot\text{s})$	3.6416	2.5360	2.1925	1.5436	1.1578	0.8575	0.7622	0.6798	0.6153
x_2	0.9061	1.0000							
$\eta/(\text{mPa}\cdot\text{s})$	0.5723	0.5284							

$T/^\circ\text{C} = 30.0$									83S1
x_2	0.0000	0.1151	0.2265	0.3342	0.4384	0.5394	0.6372	0.7321	0.8241
$\eta/(\text{mPa s})$	3.765	2.859	2.167	1.692	1.351	1.099	0.8220	0.7364	0.6235
x_2	0.9133	1.0000							
$\eta/(\text{mPa s})$	0.5592	0.5372							
$T/^\circ\text{C} = 40.0$									83S1
x_2	0.0000	0.1151	0.2265	0.3342	0.4384	0.5394	0.6372	0.7321	0.8241
$\eta/(\text{mPa s})$	2.934	2.206	1.701	1.341	1.097	0.9164	0.7593	0.6439	0.5569
x_2	0.9133	1.0000							
$\eta/(\text{mPa s})$	0.5069	0.4851							
$T/^\circ\text{C} = 50.0$									83S1
x_2	0.0000	0.1151	0.2265	0.3342	0.4384	0.5394	0.6372	0.7321	0.8241
$\eta/(\text{mPa s})$	2.169	1.661	1.321	1.057	0.8845	0.7532	0.6516	0.5418	0.4674
x_2	0.9133	1.0000							
$\eta/(\text{mPa s})$	0.4336	0.4272							
$T/^\circ\text{C} = 60.0$									83S1
x_2	0.0000	0.1151	0.2265	0.3342	0.4384	0.5394	0.6372	0.7321	0.8241
$\eta/(\text{mPa s})$	1.655	1.333	1.069	0.8832	0.7193	0.6029	0.5141	0.4508	0.4046
x_2	0.9133	1.0000							
$\eta/(\text{mPa s})$	0.3954	0.3905							
$T/^\circ\text{C} = 30.0$									83S1
x_2	0.0000	0.1151	0.2265	0.3342	0.4384	0.5394	0.6372	0.7321	0.8241
$\nu/(\text{mm}^2/\text{s})$	4.628	3.494	2.636	2.046	1.626	1.315	1.048	0.8690	0.7305
x_2	0.9133	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.6505	0.6196							
$T/^\circ\text{C} = 40.0$									83S1
x_2	0.0000	0.1151	0.2265	0.3342	0.4384	0.5394	0.6372	0.7321	0.8241
$\nu/(\text{mm}^2/\text{s})$	3.619	2.707	2.079	1.630	1.328	1.129	0.9083	0.7655	0.6577
x_2	0.9133	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.5951	0.5675							
$T/^\circ\text{C} = 50.0$									83S1
x_2	0.0000	0.1151	0.2265	0.3342	0.4384	0.5394	0.6372	0.7321	0.8241
$\nu/(\text{mm}^2/\text{s})$	2.689	2.051	1.624	1.293	1.077	0.9119	0.7843	0.6484	0.5558
x_2	0.9133	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.5125	0.5028							
$T/^\circ\text{C} = 60.0$									83S1
x_2	0.0000	0.1151	0.2265	0.3342	0.4384	0.5394	0.6372	0.7321	0.8241
$\eta/(\text{mPa s})$	2.059	1.651	1.322	1.087	0.8815	0.7346	0.6229	0.5430	0.4843
x_2	0.9133	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.4704	0.4608							

2463	C₆H₁₄O (1) C₇H₈O (2)		hexan-1-ol methoxybenzene					111-27-3 100-66-3	
<i>T</i> /K = 303.15									99W1
<i>x</i> ₂	0.0000	0.0998	0.2000	0.3002	0.4000	0.5000	0.6002	0.6997	0.8001
<i>η</i> /(mPa s)	3.861	3.065	2.413	1.969	1.661	1.423	1.270	1.097	1.009
<i>x</i> ₂	0.9000	1.0000							
<i>η</i> /(mPa s)	0.927	0.908							
<i>T</i> /K = 313.15									99W1
<i>x</i> ₂	0.0000	0.0998	0.2000	0.3002	0.4000	0.5000	0.6002	0.6997	0.8001
<i>η</i> /(mPa s)	2.936	2.325	1.886	1.569	1.334	1.166	1.049	0.932	0.858
<i>x</i> ₂	0.9000	1.0000							
<i>η</i> /(mPa s)	0.798	0.786							
<i>T</i> /K = 323.15									99W1
<i>x</i> ₂	0.0000	0.0998	0.2000	0.3002	0.4000	0.5000	0.6002	0.6997	0.8001
<i>η</i> /(mPa s)	2.248	1.798	1.481	1.248	1.107	0.966	0.878	0.786	0.744
<i>x</i> ₂	0.9000	1.0000							
<i>η</i> /(mPa s)	0.699	0.691							
2464	C₆H₁₄O (1) C₇H₈O (2)		hexan-1-ol phenylmethanol					111-27-3 100-51-6	
<i>T</i> /°C = 30.0									84S3
<i>x</i> ₁	0.0000	0.0843	0.1716	0.2620	0.3558	0.4531	0.5541	0.6590	0.7682
<i>η</i> /(mPa s)	4.605	4.410	4.237	4.087	3.963	3.851	3.778	3.740	3.754
<i>x</i> ₁	0.8818	1.0000							
<i>η</i> /(mPa s)	3.758	3.765							
<i>T</i> /°C = 40.0									84S3
<i>x</i> ₁	0.0000	0.0843	0.1716	0.2620	0.3558	0.4531	0.5541	0.6590	0.7682
<i>η</i> /(mPa s)	3.533	3.352	3.188	3.066	2.969	2.913	2.865	2.838	2.826
<i>x</i> ₁	0.8818	1.0000							
<i>η</i> /(mPa s)	2.850	2.934							
<i>T</i> /°C = 50.0									84S3
<i>x</i> ₁	0.0000	0.0843	0.1716	0.2620	0.3558	0.4531	0.5541	0.6590	0.7682
<i>η</i> /(mPa s)	2.646	2.487	2.358	2.285	2.203	2.160	2.118	2.111	2.081
<i>x</i> ₁	0.8818	1.0000							
<i>η</i> /(mPa s)	2.095	2.169							
<i>T</i> /°C = 60.0									84S3
<i>x</i> ₁	0.0000	0.0843	0.1716	0.2620	0.3558	0.4531	0.5541	0.6590	0.7682
<i>η</i> /(mPa s)	2.037	1.872	1.762	1.673	1.611	1.561	1.550	1.532	1.531

x_1	0.8818	1.0000							
η /(mPa s)	1.569	1.655							
$T/^\circ\text{C} = 30.0$									
x_1	0.0000	0.0843	0.1716	0.2620	0.3558	0.4531	0.5541	0.6590	0.7682
ν /(mm ² /s)	4.420	4.329	4.250	4.198	4.167	4.148	4.170	4.233	4.371
x_1	0.8818	1.0000							
ν /(mm ² /s)	4.484	4.628							
$T/^\circ\text{C} = 40.0$									
x_1	0.0000	0.0843	0.1716	0.2620	0.3558	0.4531	0.5541	0.6590	0.7682
ν /(mm ² /s)	3.401	3.299	3.207	3.157	3.132	3.147	3.170	3.226	3.301
x_1	0.8818	1.0000							
ν /(mm ² /s)	3.415	3.619							
$T/^\circ\text{C} = 50.0$									
x_1	0.0000	0.0843	0.1716	0.2620	0.3558	0.4531	0.5541	0.6590	0.7682
ν /(mm ² /s)	2.556	2.457	2.382	2.361	2.334	2.341	2.358	2.410	2.442
x_1	0.8818	1.0000							
ν /(mm ² /s)	2.525	2.689							
$T/^\circ\text{C} = 60.0$									
x_1	0.0000	0.0843	0.1716	0.2620	0.3558	0.4531	0.5541	0.6590	0.7682
ν /(mm ² /s)	1.975	1.857	1.787	1.739	1.716	1.704	1.737	1.763	1.810
x_1	0.8818	1.0000							
ν /(mm ² /s)	1.904	2.059							

2465 **C₆H₁₄O (1)** **hexan-1-ol** **111-27-3**
C₇H₁₄ (2) **methylcyclohexane** **108-87-2**

$T/^\circ\text{C} = 30.0$									
x_2	0.0000	0.1015	0.2596	0.4197	0.5820	0.7447	0.8989	1.0000	
η /(mPa s)	3.818	3.051	2.193	1.536	1.110	0.852	0.693	0.637	77R1

2466 **C₆H₁₄O (1)** **hexan-1-ol** **111-27-3**
C₇H₁₄O₂ (2) **acetic acid pentyl ester** **628-63-7**

$T/\text{K} = 298.15$									
x_2	0.00000	0.04303	0.07242	0.10041	0.17735	0.22411	0.27634	0.35514	
η /(mPa s)	4.595	4.427	4.313	4.206	3.911	3.733	3.537	3.233	97E2
x_2	0.42263	0.51146	0.60324	0.69312	0.77043	0.85521	0.94433	1.00000	
η /(mPa s)	2.978	2.642	2.295	1.958	1.656	1.373	1.057	0.865	
$T/\text{K} = 308.15$									
x_1	0.000	0.082	0.273	0.439	0.662	0.887	1.000		88S1

η /(mPa s)	0.793	1.235	1.866	2.195	2.329	2.334	2.249		
2467	C₆H₁₄O (1) C₇H₁₆ (2)		hexan-1-ol heptane						111-27-3 142-82-5
T /K = 298.15									96S5
x_1	0.0000	0.0567	0.1134	0.2217	0.3279	0.4307	0.5294	0.6292	
η /(mPa s)	0.3901	0.4405	0.4541	0.5473	0.6831	0.8745	1.1416	1.5232	
x_1	0.7248	0.8643	0.9526	1.0000					
η /(mPa s)	2.0473	2.9304	3.7885	4.477					
T /K = 308.15									96S5
x_1	0.0000	0.0567	0.1134	0.2217	0.3279	0.4307	0.5294	0.6292	
η /(mPa s)	0.3520	0.3960	0.4021	0.4788	0.5863	0.7378	0.9541	1.2012	
x_1	0.7248	0.8643	0.9526	1.0000					
η /(mPa s)	1.5737	2.2993	2.9206	3.413					
2468	C₆H₁₄O (1) C₈H₈ (2)		hexan-1-ol vinylbenzene						111-27-3 100-42-5
T /K = 298.15									99A3
x_2	0.0000	0.0998	0.2024	0.3078	0.4006	0.5007	0.5988	0.6993	0.7986
η /(mPa s)	4.216	3.131	2.522	1.956	1.613	1.293	1.134	0.972	0.891
x_2	0.8985	1.0000							
η /(mPa s)	0.808	0.709							
T /K = 303.15									99A3
x_2	0.0000	0.0998	0.2024	0.3078	0.4006	0.5007	0.5988	0.6993	0.7986
η /(mPa s)	3.567	2.773	2.177	1.703	1.446	1.154	1.051	0.890	0.840
x_2	0.8985	1.0000							
η /(mPa s)	0.747	0.662							
T /K = 308.15									99A3
x_2	0.0000	0.0998	0.2024	0.3078	0.4006	0.5007	0.5988	0.6993	0.7986
η /(mPa s)	2.766	2.296	1.880	1.497	1.298	1.114	1.008	0.860	0.810
x_2	0.8985	1.0000							
η /(mPa s)	0.693	0.623							
2469	C₆H₁₄O (1) C₈H₁₀ (2)		hexan-1-ol ethylbenzene						111-27-3 100-41-4
T /K = 303.15									88D2
x_2	0.0000	0.0545	0.0991	0.1532	0.2033	0.4045	0.5045	0.6037	0.7042
η /(mPa s)	3.881	3.335	2.911	2.502	2.143	1.432	1.167	0.967	0.825

x_2	0.7983	0.8400	0.9300	1.0000
η /(mPa s)	0.720	0.684	0.619	0.597

2470 **C₆H₁₄O (1)** **hexan-1-ol** **111-27-3**
C₈H₁₆O₂ (2) **acetic acid hexyl ester** **142-92-7**

$T/K = 298.15$

97E2

x_2	0.00000	0.05741	0.10123	0.17746	0.24543	0.31102	0.40450	0.48637
η /(mPa s)	4.595	4.384	4.227	3.951	3.712	3.480	3.149	2.860

x_2	0.55321	0.62702	0.70711	0.77324	0.82245	0.90101	0.96674	1.00000
η /(mPa s)	2.624	2.365	2.091	1.863	1.696	1.428	1.210	1.107

2471 **C₆H₁₄O (1)** **hexan-1-ol** **111-27-3**
C₈H₁₈ (2) **octane** **111-65-9**

$T/K = 298.15$

95F2

x_2	0.0000	0.0510	0.1118	0.1835	0.3569	0.5094	0.5642	0.6167	0.6701
η /(mPa s)	4.862	4.054	3.290	2.593	1.552	1.074	0.955	0.857	0.770

x_2	0.7288	0.8387	0.9370	1.0000
η /(mPa s)	0.686	0.566	0.511	0.506

2472 **C₆H₁₄O (1)** **hexan-1-ol** **111-27-3**
C₁₀H₇Cl (2) **1-chloro-naphthalene** **90-13-1**

$T/K = 298.15$

98A6

x_2	0.0000	0.1047	0.2004	0.3023	0.3992	0.5019	0.6012	0.6993	0.8002
η /(mPa s)	4.216	3.951	3.680	3.366	3.133	2.903	2.781	2.706	2.638

x_2	0.9013	1.0000
η /(mPa s)	2.647	2.822

$T/K = 303.15$

98A6

x_2	0.0000	0.1047	0.2004	0.3023	0.3992	0.5019	0.6012	0.6993	0.8002
η /(mPa s)	3.567	3.335	3.105	2.585	2.670	2.506	2.455	2.440	2.304

x_2	0.9013	1.0000
η /(mPa s)	2.304	2.497

$T/K = 308.15$

98A6

x_2	0.0000	0.1047	0.2004	0.3023	0.3992	0.5019	0.6012	0.6993	0.8002
η /(mPa s)	2.766	2.608	2.423	2.248	2.084	1.971	1.951	1.942	1.969

x_2	0.9013	1.0000
η /(mPa s)	2.066	2.225

2473 **C₆H₁₄O (1)** **hexan-1-ol** **111-27-3**
C₁₂H₂₇O₄P (2) **phosphoric acid tributyl ester** **126-73-8**

$T/K = 303.15$									95D2
x_2	0.00	0.05	0.10	0.23	0.40	0.65	0.80	1.00	
$\eta /(\text{mPa s})$	9.56	7.48	6.58	4.80	3.98	3.44	3.16	2.82	
$T/K = 303.15$									93R3
x_2	0.00	0.05	0.10	0.23	0.40	0.65	0.80	1.00	
$\eta /(\text{mPa s})$	9.56	7.48	6.58	4.80	3.98	3.44	3.16	2.82	
2474	C₆H₁₄O (1) C₁₅H₂₆O₆ (2)	hexan-1-ol 1,2,3-tris-(butyryloxy)-propane						111-27-3 60-01-5	
$T/K = 278.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	8.64	7.72	8.05	8.57	9.35	10.26	11.45	12.84	14.53
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	16.61	19.63							
$T/K = 283.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	7.25	6.46	6.70	7.11	7.70	8.44	9.38	10.43	11.78
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	13.43	15.62							
$T/K = 288.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	6.10	5.45	5.60	5.94	6.41	6.99	7.74	8.59	9.67
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	10.93	12.61							
$T/K = 293.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	5.18	4.65	4.76	5.03	5.44	5.92	6.53	7.24	8.10
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	9.11	10.35							
$T/K = 298.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	4.44	4.00	4.09	4.30	4.65	5.05	5.56	6.15	6.84
x_2	0.9	1.0							
$\eta /(\text{mPa s})$	7.68	8.68							
$T/K = 303.15$									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
$\eta /(\text{mPa s})$	3.82	3.47	3.54	3.72	4.00	4.36	4.80	5.27	5.86
x_2	0.9	1.0							

η /(mPa s)	6.54	7.38							
T /K = 308.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	3.30	3.02	3.08	3.26	3.49	3.79	4.15	4.57	5.07
x_2	0.9	1.0							
η /(mPa s)	5.63	6.32							
T /K = 313.15									94R3
x_2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
η /(mPa s)	2.87	2.65	2.71	2.85	3.07	3.33	3.64	4.00	4.42
x_2	0.9	1.0							
η /(mPa s)	4.90	5.49							
2475	C₆H₁₄O₂ (1) C₇H₉N (2)	2-butoxy-ethanol N-methyl-aniline							111-76-2 100-61-8
T /K = 298.15									89M2
x_1	0.0000	0.0992	0.2016	0.3298	0.4032	0.4978	0.6441	0.7771	0.8935
η /(mPa s)	1.963	2.010	2.089	2.213	2.314	2.425	2.589	2.709	2.788
x_1	1.0000								
η /(mPa s)	2.786								
T /K = 303.15									89M2
x_1	0.0000	0.0992	0.2016	0.3298	0.4032	0.4978	0.6441	0.7771	0.8935
η /(mPa s)	1.717	1.756	1.811	1.918	1.999	2.094	2.232	2.319	2.395
x_1	1.0000								
η /(mPa s)	2.403								
T /K = 308.15									89M2
x_1	0.0000	0.0992	0.2016	0.3298	0.4032	0.4978	0.6441	0.7771	0.8935
η /(mPa s)	1.538	1.567	1.613	1.699	1.753	1.836	1.951	2.049	2.111
x_1	1.0000								
η /(mPa s)	2.115								
T /K = 313.15									89M2
x_1	0.0000	0.0992	0.2016	0.3298	0.4032	0.4978	0.6441	0.7771	0.8935
η /(mPa s)	1.386	1.398	1.433	1.502	1.550	1.619	1.718	1.792	1.851
x_1	1.0000								
η /(mPa s)	1.867								
T /K = 318.15									89M2
x_1	0.0000	0.0992	0.2016	0.3298	0.4032	0.4978	0.6441	0.7771	0.8935
η /(mPa s)	1.251	1.256	1.302	1.352	1.444	1.495	1.576	1.661	1.696
x_1	1.0000								
η /(mPa s)	1.657								

2476	C₆H₁₄O₂ (1) C₇H₁₆ (2)	2-butoxy-ethanol heptane							111-76-2 142-82-5
<i>T</i> /K = 303.15									95S2
<i>x</i> ₁	0.0000	0.0365	0.1077	0.2126	0.3160	0.4170	0.5114	0.6155	0.7469
<i>η</i> /(mPa s)	0.376	0.407	0.484	0.626	0.799	0.987	1.177	1.411	1.741
<i>x</i> ₁	0.8450	0.9057	0.9663	1.0000					
<i>η</i> /(mPa s)	2.011	2.162	2.306	2.401					
<i>T</i> /K = 313.15									95S2
<i>x</i> ₁	0.0000	0.0365	0.1077	0.2126	0.3160	0.4170	0.5114	0.6155	0.7469
<i>η</i> /(mPa s)	0.335	0.364	0.426	0.534	0.661	0.797	0.941	1.116	1.359
<i>x</i> ₁	0.8450	0.9057	0.9663	1.0000					
<i>η</i> /(mPa s)	1.550	1.654	1.784	1.868					
2477	C₆H₁₄O₂ (1) C₇H₁₆O₄ (2)	1,2-diethoxy-ethane 2-[2-(2-methoxy-ethoxy)-ethoxy]-ethanol							629-14-1 112-35-6
<i>T</i> /K = 298.15									99P5
<i>x</i> ₂	0.0000	0.0126	0.0328	0.0520	0.0807	0.1339	0.1806	0.2394	0.2918
<i>η</i> /(mPa s)	0.602	0.622	0.652	0.688	0.730	0.824	0.917	1.047	1.180
<i>x</i> ₂	0.3420	0.3850	0.4103	0.4604	0.5091	0.5505	0.5978	0.6522	0.7117
<i>η</i> /(mPa s)	1.332	1.473	1.588	1.801	2.040	2.273	2.561	2.935	3.396
<i>x</i> ₂	0.7976	0.8577	0.9256	0.9633	1.0000				
<i>η</i> /(mPa s)	4.169	4.791	5.588	6.103	6.586				
<i>T</i> /K = 308.15									99P5
<i>x</i> ₂	0.0000	0.0126	0.0328	0.0520	0.0807	0.1339	0.1806	0.2394	0.2918
<i>η</i> /(mPa s)	0.522	0.539	0.561	0.586	0.617	0.691	0.765	0.872	0.978
<i>x</i> ₂	0.3420	0.3850	0.4103	0.4604	0.5091	0.5505	0.5978	0.6522	0.7117
<i>η</i> /(mPa s)	1.097	1.198	1.262	1.417	1.573	1.725	1.923	2.167	2.476
<i>x</i> ₂	0.7976	0.8577	0.9256	0.9633	1.0000				
<i>η</i> /(mPa s)	2.989	3.415	3.957	4.311	4.642				
2478	C₆H₁₄O₂ (1) C₈H₁₀ (2)	2-butoxy-ethanol ethylbenzene							111-76-2 100-41-4
<i>T</i> /K = 298.15									93R2
<i>x</i> ₂	0.0000	0.0935	0.1884	0.2847	0.3824	0.4815	0.5823	0.6842	0.7879
<i>η</i> /(mPa s)	0.6334	0.7610	0.9408	1.1402	1.3596	1.6001	1.8630	2.1476	2.4567
<i>x</i> ₂	0.8931	1.0000							
<i>η</i> /(mPa s)	2.7903	3.1500							

2479	C₆H₁₄O₂ (1)	C₈H₁₁N (2)	2-butoxy-ethanol						111-76-2
			N,N-dimethyl-aniline						121-69-7
<i>T/K</i> = 298.15									89M2
<i>x</i> ₁	0.0000	0.0991	0.2007	0.3163	0.3988	0.4955	0.5977	0.6989	0.7971
<i>η</i> /(mPa s)	1.282	1.298	1.369	1.479	1.586	1.715	1.880	2.076	2.281
<i>x</i> ₁	0.9068	1.0000							
<i>η</i> /(mPa s)	2.555	2.786							
<i>T/K</i> = 303.15									89M2
<i>x</i> ₁	0.0000	0.0991	0.2007	0.3163	0.3988	0.4955	0.5977	0.6989	0.7971
<i>η</i> /(mPa s)	1.177	1.184	1.245	1.338	1.420	1.524	1.666	1.825	2.002
<i>x</i> ₁	0.9068	1.0000							
<i>η</i> /(mPa s)	2.230	2.403							
<i>T/K</i> = 308.15									89M2
<i>x</i> ₁	0.0000	0.0991	0.2007	0.3163	0.3988	0.4955	0.5977	0.6989	0.7971
<i>η</i> /(mPa s)	1.100	1.096	1.140	1.221	1.291	1.384	1.501	1.643	1.790
<i>x</i> ₁	0.9068	1.0000							
<i>η</i> /(mPa s)	1.991	2.115							
<i>T/K</i> = 313.15									89M2
<i>x</i> ₁	0.0000	0.0991	0.2007	0.3163	0.3988	0.4955	0.5977	0.6989	0.7971
<i>η</i> /(mPa s)	1.020	1.022	1.063	1.129	1.186	1.266	1.369	1.486	1.617
<i>x</i> ₁	0.9068	1.0000							
<i>η</i> /(mPa s)	1.781	1.867							
<i>T/K</i> = 318.15									89M2
<i>x</i> ₁	0.0000	0.0991	0.2007	0.3163	0.3988	0.4955	0.5977	0.6989	0.7971
<i>η</i> /(mPa s)	0.967	0.947	0.984	1.041	1.089	1.156	1.217	1.346	1.459
<i>x</i> ₁	0.9068	1.0000							
<i>η</i> /(mPa s)	1.601	1.657							
2480	C₆H₁₄O₂ (1)	C₈H₁₁N (2)	2-butoxy-ethanol						111-76-2
			N-ethyl-aniline						103-69-5
<i>T/K</i> = 298.15									89M2
<i>x</i> ₁	0.0000	0.1017	0.2027	0.3026	0.3980	0.5004	0.5947	0.7010	0.7971
<i>η</i> /(mPa s)	1.952	2.077	2.172	2.259	2.361	2.486	2.573	2.686	2.758
<i>x</i> ₁	0.8933	1.0000							
<i>η</i> /(mPa s)	2.786	2.786							
<i>T/K</i> = 303.15									89M2
<i>x</i> ₁	0.0000	0.1017	0.2027	0.3026	0.3980	0.5004	0.5947	0.7010	0.7971
<i>η</i> /(mPa s)	1.710	1.774	1.855	1.929	2.039	2.140	2.214	2.313	2.380
<i>x</i> ₁	0.8933	1.0000							

η /(mPa s)	2.404	2.403							
T /K = 308.15									89M2
x_1	0.0000	0.1017	0.2027	0.3026	0.3980	0.5004	0.5947	0.7010	0.7971
η /(mPa s)	1.559	1.590	1.662	1.725	1.801	1.889	1.961	2.048	2.111
x_1	0.8933	1.0000							
η /(mPa s)	2.145	2.115							
T /K = 313.15									89M2
x_1	0.0000	0.1017	0.2027	0.3026	0.3980	0.5004	0.5947	0.7010	0.7971
η /(mPa s)	1.389	1.430	1.498	1.537	1.615	1.693	1.746	1.824	1.883
x_1	0.8933	1.0000							
η /(mPa s)	1.910	1.867							
T /K = 318.15									89M2
x_1	0.0000	0.1017	0.2027	0.3026	0.3980	0.5004	0.5947	0.7010	0.7971
η /(mPa s)	1.251	1.298	1.358	1.383	1.443	1.510	1.552	1.616	1.674
x_1	0.8933	1.0000							
η /(mPa s)	1.696	1.657							
2481	C₆H₁₄O₂ (1)	C₁₀H₁₅N (2)	2-butoxy-ethanol	N,N-diethyl-aniline					111-76-2
									91-66-7
T /K = 298.15									89M2
x_1	0.0000	0.0979	0.2008	0.2890	0.3526	0.4964	0.5968	0.7021	0.7940
η /(mPa s)	1.933	1.870	1.887	1.923	1.968	2.102	2.198	2.343	2.461
x_1	0.8979	1.0000							
η /(mPa s)	2.631	2.786							
T /K = 303.15									89M2
x_1	0.0000	0.0979	0.2008	0.2890	0.3526	0.4964	0.5968	0.7021	0.7940
η /(mPa s)	1.710	1.679	1.686	1.711	1.756	1.853	1.942	2.067	2.175
x_1	0.8979	1.0000							
η /(mPa s)	2.305	2.403							
T /K = 308.15									89M2
x_1	0.0000	0.0979	0.2008	0.2890	0.3526	0.4964	0.5968	0.7021	0.7940
η /(mPa s)	1.547	1.511	1.516	1.538	1.572	1.655	1.731	1.844	1.927
x_1	0.8979	1.0000							
η /(mPa s)	2.048	2.115							
T /K = 313.15									89M2
x_1	0.0000	0.0979	0.2008	0.2890	0.3526	0.4964	0.5968	0.7021	0.7940
η /(mPa s)	1.410	1.369	1.371	1.393	1.429	1.487	1.552	1.650	1.725
x_1	0.8979	1.0000							
η /(mPa s)	1.824	1.867							

<i>T</i> /K = 318.15										89M2
<i>x</i> ₁	0.0000	0.0979	0.2008	0.2890	0.3526	0.4964	0.5968	0.7021	0.7940	
<i>η</i> /(mPa s)	1.280	1.248	1.249	1.262	1.286	1.365	1.402	1.481	1.544	
<i>x</i> ₁	0.8979	1.0000								
<i>η</i> /(mPa s)	1.631	1.657								

2482 **C₆H₁₄O₃ (1)** **1-methoxy-2-(2-methoxy-ethoxy)-ethane** **111-96-6**
C₇H₁₆ (2) **heptane** **142-82-5**

<i>T</i> /K = 298.15										94A1
<i>x</i> ₁	0.0000	0.0978	0.1970	0.2958	0.3834	0.4946	0.5940	0.6956	0.7955	
<i>η</i> /(mPa s)	0.388	0.407	0.436	0.471	0.508	0.562	0.619	0.689	0.768	
<i>x</i> ₁	0.8992	1.0000								
<i>η</i> /(mPa s)	0.871	0.991								

<i>T</i> /K = 303.15										94A1
<i>x</i> ₁	0.0000	0.0978	0.1970	0.2958	0.3834	0.4946	0.5940	0.6956	0.7955	
<i>η</i> /(mPa s)	0.368	0.386	0.412	0.444	0.478	0.527	0.580	0.643	0.714	
<i>x</i> ₁	0.8992	1.0000								
<i>η</i> /(mPa s)	0.807	0.914								

<i>T</i> /K = 308.15										94A1
<i>x</i> ₁	0.0000	0.0978	0.1970	0.2958	0.3834	0.4946	0.5940	0.6956	0.7955	
<i>η</i> /(mPa s)	0.350	0.367	0.390	0.421	0.451	0.550	0.545	0.602	0.668	
<i>x</i> ₁	0.8992	1.0000								
<i>η</i> /(mPa s)	0.751	0.842								

<i>T</i> /K = 313.15										94A1
<i>x</i> ₁	0.0000	0.0978	0.1970	0.2958	0.3834	0.4946	0.5940	0.6956	0.7955	
<i>η</i> /(mPa s)	0.333	0.351	0.371	0.398	0.426	0.468	0.513	0.566	0.627	
<i>x</i> ₁	0.8992	1.0000								
<i>η</i> /(mPa s)	0.700	0.786								

<i>T</i> /K = 318.15										94A1
<i>x</i> ₁	0.0000	0.0978	0.1970	0.2958	0.3834	0.4946	0.5940	0.6956	0.7955	
<i>η</i> /(mPa s)	0.317	0.333	0.354	0.378	0.404	0.443	0.484	0.532	0.587	
<i>x</i> ₁	0.8992	1.0000								
<i>η</i> /(mPa s)	0.656	0.725								

2483 **C₆H₁₄O₃ (1)** **1-methoxy-2-(2-methoxy-ethoxy)-ethane** **111-96-6**
C₈H₈O₂ (2) **benzoic acid methyl ester** **93-58-3**

<i>T</i> /K = 298.15										96A5
<i>x</i> ₁	0.20	0.35	0.50	0.65	0.80					
<i>η</i> /(mPa s)	1.622	1.494	1.367	1.248	1.129					

$T/K = 298.15$										94A5
x_1	0.0000	0.1017	0.1985	0.3026	0.3989	0.4978	0.5990	0.6958	0.7991	
$\eta /(\text{mPa s})$	1.810	1.707	1.622	1.532	1.448	1.367	1.286	1.209	1.129	
x_1	0.8979	1.0000								
$\eta /(\text{mPa s})$	1.055	0.973								
$T/K = 303.15$										94A5
x_1	0.0000	0.1017	0.1985	0.3026	0.3989	0.4978	0.5990	0.6958	0.7991	
$\eta /(\text{mPa s})$	1.638	1.542	1.467	1.389	1.317	1.245	1.173	1.105	1.036	
x_1	0.8979	1.0000								
$\eta /(\text{mPa s})$	0.971	0.904								
$T/K = 308.15$										94A5
x_1	0.0000	0.1017	0.1985	0.3026	0.3989	0.4978	0.5990	0.6958	0.7991	
$\eta /(\text{mPa s})$	1.491	1.401	1.334	1.264	1.200	1.137	1.073	1.014	0.953	
x_1	0.8979	1.0000								
$\eta /(\text{mPa s})$	0.894	0.839								
$T/K = 313.15$										94A5
x_1	0.0000	0.1017	0.1985	0.3026	0.3989	0.4978	0.5990	0.6958	0.7991	
$\eta /(\text{mPa s})$	1.365	1.279	1.218	1.155	1.100	1.044	0.987	0.934	0.879	
x_1	0.8979	1.0000								
$\eta /(\text{mPa s})$	0.828	0.781								
$T/K = 318.15$										94A5
x_1	0.0000	0.1017	0.1985	0.3026	0.3989	0.4978	0.5990	0.6958	0.7991	
$\eta /(\text{mPa s})$	1.253	1.169	1.116	1.061	1.012	0.962	0.911	0.862	0.814	
x_1	0.8979	1.0000								
$\eta /(\text{mPa s})$	0.768	0.728								

2484 **C₆H₁₄O₃ (1)** **1-methoxy-2-(2-methoxy-ethoxy)-ethane** **111-96-6**
C₈H₈O₃ (2) **2-hydroxy-benzoic acid methyl ester** **119-36-8**

$T/K = 298.15$										96A5
x_1	0.20	0.35	0.50	0.65	0.80					
$\eta /(\text{mPa s})$	2.134	1.850	1.567	1.380	1.194					
$T/K = 298.15$										94A4
x_1	0.0000	0.1028	0.2002	0.2981	0.4011	0.5013	0.6014	0.6973	0.7972	
$\eta /(\text{mPa s})$	2.717	2.391	2.134	1.924	1.731	1.567	1.442	1.314	1.194	
x_1	0.9292	1.0000								
$\eta /(\text{mPa s})$	1.056	0.973								
$T/K = 303.15$										94A4
x_1	0.0000	0.1028	0.2002	0.2981	0.4011	0.5013	0.6014	0.6973	0.7972	

η /(mPa s)	2.379	2.108	1.897	1.719	1.555	1.415	1.309	1.199	1.095
x_1	0.9292	1.0000							
η /(mPa s)	0.975	0.904							
$T/K = 308.15$									94A4
x_1	0.0000	0.1028	0.2002	0.2981	0.4011	0.5013	0.6014	0.6973	0.7972
η /(mPa s)	2.088	1.870	1.691	1.538	1.397	1.276	1.194	1.097	1.004
x_1	0.9292	1.0000							
η /(mPa s)	0.902	0.839							
$T/K = 313.15$									94A4
x_1	0.0000	0.1028	0.2002	0.2981	0.4011	0.5013	0.6014	0.6973	0.7972
η /(mPa s)	1.854	1.669	1.518	1.387	1.264	1.160	1.094	1.008	0.925
x_1	0.9292	1.0000							
η /(mPa s)	0.838	0.781							
$T/K = 318.15$									94A4
x_1	0.0000	0.1028	0.2002	0.2981	0.4011	0.5013	0.6014	0.6973	0.7972
η /(mPa s)	1.654	1.494	1.365	1.252	1.149	1.058	1.006	0.930	0.855
x_1	0.9292	1.0000							
η /(mPa s)	0.779	0.728							

2485 **C₆H₁₄O₃ (1)** **1-methoxy-2-(2-methoxy-ethoxy)-ethane** **111-96-6**
C₈H₁₄O₄ (2) **butanedioic acid diethyl ester** **123-25-1**

$T/K = 298.15$									96A5
x_1	0.20	0.35	0.50	0.65	0.80				
η /(mPa s)	2.009	1.773	1.535	1.361	1.187				
$T/K = 298.15$									94A5
x_1	0.0000	0.1002	0.2023	0.3012	0.4033	0.5032	0.6024	0.7034	0.8010
η /(mPa s)	2.466	2.198	2.009	1.843	1.681	1.535	1.412	1.296	1.187
x_1	0.9025	1.0000							
η /(mPa s)	1.077	0.973							
$T/K = 303.15$									94A5
x_1	0.0000	0.1002	0.2023	0.3012	0.4033	0.5032	0.6024	0.7034	0.8010
η /(mPa s)	2.196	1.951	1.792	1.650	1.513	1.386	1.283	1.184	1.086
x_1	0.9025	1.0000							
η /(mPa s)	0.994	0.904							
$T/K = 308.15$									94A5
x_1	0.0000	0.1002	0.2023	0.3012	0.4033	0.5032	0.6024	0.7034	0.8010
η /(mPa s)	1.973	1.737	1.599	1.476	1.355	1.251	1.163	1.082	0.997
x_1	0.9025	1.0000							
η /(mPa s)	0.920	0.839							

<i>T</i> /K = 313.15										94A5	
<i>x</i> ₁	0.0000	0.1002	0.2023	0.3012	0.4033	0.5032	0.6024	0.7034	0.8010		
η /(mPa s)	1.779	1.559	1.438	1.330	1.229	1.139	1.061	0.989	0.919		
<i>x</i> ₁	0.9025	1.0000									
η /(mPa s)	0.852	0.781									
<i>T</i> /K = 318.15										94A5	
<i>x</i> ₁	0.0000	0.1002	0.2023	0.3012	0.4033	0.5032	0.6024	0.7034	0.8010		
η /(mPa s)	1.615	1.406	1.299	1.206	1.115	1.034	0.969	0.908	0.849		
<i>x</i> ₁	0.9025	1.0000									
η /(mPa s)	0.792	0.728									
2486	C₆H₁₄O₃ (1)	C₈H₁₈ (2)	1-methoxy-2-(2-methoxy-ethoxy)-ethane octane							111-96-6	111-65-9
<i>T</i> /K = 298.15										94A1	
<i>x</i> ₁	0.0000	0.0946	0.2030	0.2985	0.3956	0.4955	0.5945	0.6970	0.7972		
η /(mPa s)	0.506	0.515	0.535	0.561	0.594	0.636	0.681	0.748	0.807		
<i>x</i> ₁	0.8977	1.0000									
η /(mPa s)	0.884	0.991									
<i>T</i> /K = 303.15										94A1	
<i>x</i> ₁	0.0000	0.0946	0.2030	0.2985	0.3956	0.4955	0.5945	0.6970	0.7972		
η /(mPa s)	0.477	0.485	0.503	0.536	0.557	0.593	0.636	0.686	0.746		
<i>x</i> ₁	0.8977	1.0000									
η /(mPa s)	0.820	0.914									
<i>T</i> /K = 308.15										94A1	
<i>x</i> ₁	0.0000	0.0946	0.2030	0.2985	0.3956	0.4955	0.5945	0.6970	0.7972		
η /(mPa s)	0.450	0.458	0.475	0.501	0.523	0.556	0.596	0.641	0.695		
<i>x</i> ₁	0.8977	1.0000									
η /(mPa s)	0.762	0.842									
<i>T</i> /K = 313.15										94A1	
<i>x</i> ₁	0.0000	0.0946	0.2030	0.2985	0.3956	0.4955	0.5945	0.6970	0.7972		
η /(mPa s)	0.425	0.432	0.448	0.473	0.493	0.524	0.559	0.604	0.650		
<i>x</i> ₁	0.8977	1.0000									
η /(mPa s)	0.712	0.786									
<i>T</i> /K = 318.15										94A1	
<i>x</i> ₁	0.0000	0.0946	0.2030	0.2985	0.3956	0.4955	0.5945	0.6970	0.7972		
η /(mPa s)	0.403	0.410	0.425	0.446	0.446	0.493	0.523	0.575	0.610		
<i>x</i> ₁	0.8977	1.0000									
η /(mPa s)	0.667	0.725									

2487	C₆H₁₄O₃ (1)	C₈H₁₈ (2)	1-methoxy-2-(2-methoxy-ethoxy)-ethane						111-96-6	
			2,2,4-trimethyl-pentane						540-84-1	
<i>T/K</i> = 298.15										
<i>x</i> ₁	0.0000	0.0931	0.1978	0.2916	0.4016	0.4538	0.5881	0.6870	0.7926	
<i>η</i> /(mPa s)	0.478	0.490	0.511	0.538	0.580	0.602	0.668	0.726	0.808	
<i>x</i> ₁	0.8977	1.0000								
<i>η</i> /(mPa s)	0.887	0.991								
<i>T/K</i> = 303.15										
<i>x</i> ₁	0.0000	0.0931	0.1978	0.2916	0.4016	0.4538	0.5881	0.6870	0.7926	
<i>η</i> /(mPa s)	0.451	0.460	0.481	0.507	0.545	0.564	0.624	0.677	0.741	
<i>x</i> ₁	0.8977	1.0000								
<i>η</i> /(mPa s)	0.821	0.914								
<i>T/K</i> = 308.15										
<i>x</i> ₁	0.0000	0.0931	0.1978	0.2916	0.4016	0.4538	0.5881	0.6870	0.7926	
<i>η</i> /(mPa s)	0.426	0.435	0.455	0.478	0.512	0.529	0.584	0.632	0.690	
<i>x</i> ₁	0.8977	1.0000								
<i>η</i> /(mPa s)	0.762	0.842								
<i>T/K</i> = 313.15										
<i>x</i> ₁	0.0000	0.0931	0.1978	0.2916	0.4016	0.4538	0.5881	0.6870	0.7926	
<i>η</i> /(mPa s)	0.404	0.413	0.430	0.451	0.482	0.500	0.548	0.592	0.647	
<i>x</i> ₁	0.8977	1.0000								
<i>η</i> /(mPa s)	0.712	0.786								
<i>T/K</i> = 318.15										
<i>x</i> ₁	0.0000	0.0931	0.1978	0.2916	0.4016	0.4538	0.5881	0.6870	0.7926	
<i>η</i> /(mPa s)	0.381	0.389	0.405	0.425	0.453	0.468	0.512	0.553	0.601	
<i>x</i> ₁	0.8977	1.0000								
<i>η</i> /(mPa s)	0.602	0.725								
2488	C₆H₁₄O₃ (1)	C₉H₁₀O₂ (2)	1-methoxy-2-(2-methoxy-ethoxy)-ethane						111-96-6	
			benzoic acid ethyl ester						93-89-0	
<i>T/K</i> = 298.15										
<i>x</i> ₁	0.20	0.35	0.50	0.65	0.80					
<i>η</i> /(mPa s)	1.694	1.541	1.389	1.262	1.134					
<i>T/K</i> = 298.15										
<i>x</i> ₁	0.0000	0.1021	0.2028	0.3004	0.4044	0.5041	0.6032	0.7035	0.8017	
<i>η</i> /(mPa s)	1.936	1.805	1.694	1.590	1.485	1.389	1.301	1.216	1.134	
<i>x</i> ₁	0.9022	1.0000								
<i>η</i> /(mPa s)	1.056	0.973								
<i>T/K</i> = 303.15										

x_1	0.0000	0.1021	0.2028	0.3004	0.4044	0.5041	0.6032	0.7035	0.8017
$\eta /(\text{mPa s})$	1.751	1.629	1.533	1.442	1.350	1.266	1.189	1.111	1.039
x_1	0.9022	1.0000							
$\eta /(\text{mPa s})$	0.967	0.904							
$T/\text{K} = 308.15$									94A5
x_1	0.0000	0.1021	0.2028	0.3004	0.4044	0.5041	0.6032	0.7035	0.8017
$\eta /(\text{mPa s})$	1.591	1.476	1.390	1.311	1.231	1.157	1.088	1.020	0.957
x_1	0.9022	1.0000							
$\eta /(\text{mPa s})$	0.895	0.839							
$T/\text{K} = 313.15$									94A5
x_1	0.0000	0.1021	0.2028	0.3004	0.4044	0.5041	0.6032	0.7035	0.8017
$\eta /(\text{mPa s})$	1.453	1.342	1.268	1.198	1.126	1.062	1.000	0.940	0.883
x_1	0.9022	1.0000							
$\eta /(\text{mPa s})$	0.829	0.781							
$T/\text{K} = 318.15$									94A5
x_1	0.0000	0.1021	0.2028	0.3004	0.4044	0.5041	0.6032	0.7035	0.8017
$\eta /(\text{mPa s})$	1.332	1.228	1.161	1.098	1.035	0.976	0.922	0.868	0.818
x_1	0.9022	1.0000							
$\eta /(\text{mPa s})$	0.770	0.728							
2489	$\text{C}_6\text{H}_{14}\text{O}_3$ (1)		1-methoxy-2-(2-methoxy-ethoxy)-ethane						111-96-6
	C_9H_{20} (2)		nonane						111-84-2
$T/\text{K} = 298.15$									94A2
x_1	0.0000	0.0991	0.2003	0.3005	0.3982	0.5023	0.5963	0.6999	0.7997
$\eta /(\text{mPa s})$	0.655	0.642	0.640	0.665	0.691	0.712	0.747	0.794	0.836
x_1	0.8970	1.0000							
$\eta /(\text{mPa s})$	0.898	0.992							
$T/\text{K} = 308.15$									94A2
x_1	0.0000	0.0991	0.2003	0.3005	0.3982	0.5023	0.5963	0.6999	0.7997
$\eta /(\text{mPa s})$	0.577	0.559	0.560	0.579	0.600	0.618	0.647	0.685	0.718
x_1	0.8970	1.0000							
$\eta /(\text{mPa s})$	0.768	0.845							
$T/\text{K} = 318.15$									94A2
x_1	0.0000	0.0991	0.2003	0.3005	0.3982	0.5023	0.5963	0.6999	0.7997
$\eta /(\text{mPa s})$	0.505	0.490	0.490	0.507	0.523	0.538	0.561	0.591	0.620
x_1	0.8970	1.0000							
$\eta /(\text{mPa s})$	0.662	0.728							

2490 **$\text{C}_6\text{H}_{14}\text{O}_3$ (1)** **1-methoxy-2-(2-methoxy-ethoxy)-ethane** **111-96-6**

	C₁₀H₁₂ (2)		1,2,3,4-tetrahydro-naphthalene					119-64-2	
<i>T</i> /K = 298.15									95A3
<i>x</i> ₁	0.0000	0.1028	0.1977	0.3019	0.3993	0.5009	0.6660	0.7016	0.7949
<i>η</i> /(mPa s)	1.968	1.786	1.637	1.500	1.396	1.294	1.197	1.144	1.087
<i>x</i> ₁	0.8987	1.0000							
<i>η</i> /(mPa s)	1.032	0.991							
<i>T</i> /K = 303.15									95A3
<i>x</i> ₁	0.0000	0.1028	0.1977	0.3019	0.3993	0.5009	0.6660	0.7016	0.7949
<i>η</i> /(mPa s)	1.778	1.619	1.487	1.367	1.275	1.185	1.071	1.050	1.000
<i>x</i> ₁	0.8987	1.0000							
<i>η</i> /(mPa s)	0.950	0.914							
<i>T</i> /K = 308.15									95A3
<i>x</i> ₁	0.0000	0.1028	0.1977	0.3019	0.3993	0.5009	0.6660	0.7016	0.7949
<i>η</i> /(mPa s)	1.612	1.472	1.355	1.249	1.170	1.087	0.984	0.967	0.922
<i>x</i> ₁	0.8987	1.0000							
<i>η</i> /(mPa s)	0.879	0.842							
<i>T</i> /K = 313.15									95A3
<i>x</i> ₁	0.0000	0.1028	0.1977	0.3019	0.3993	0.5009	0.6660	0.7016	0.7949
<i>η</i> /(mPa s)	1.473	1.348	1.245	1.150	1.078	1.004	0.913	0.897	0.859
<i>x</i> ₁	0.8987	1.0000							
<i>η</i> /(mPa s)	0.815	0.786							
2491	C₆H₁₄O₃ (1) C₁₀H₂₂ (2)		1-methoxy-2-(2-methoxy-ethoxy)-ethane decane					111-96-6 124-18-5	
<i>T</i> /K = 298.15									94A2
<i>x</i> ₁	0.0000	0.1008	0.2018	0.3025	0.3984	0.4993	0.6592	0.7010	0.7987
<i>η</i> /(mPa s)	0.831	0.798	0.788	0.787	0.790	0.800	0.834	0.846	0.869
<i>x</i> ₁	0.9013	1.0000							
<i>η</i> /(mPa s)	0.915	0.992							
<i>T</i> /K = 308.15									94A2
<i>x</i> ₁	0.0000	0.1008	0.2018	0.3025	0.3984	0.4993	0.6592	0.7010	0.7987
<i>η</i> /(mPa s)	0.717	0.689	0.682	0.679	0.680	0.688	0.716	0.726	0.746
<i>x</i> ₁	0.9013	1.0000							
<i>η</i> /(mPa s)	0.784	0.845							
<i>T</i> /K = 318.15									94A2
<i>x</i> ₁	0.0000	0.1008	0.2018	0.3025	0.3984	0.4993	0.6592	0.7010	0.7987
<i>η</i> /(mPa s)	0.619	0.597	0.590	0.589	0.589	0.597	0.618	0.627	0.643
<i>x</i> ₁	0.9013	1.0000							
<i>η</i> /(mPa s)	0.674	0.728							

2492	C₆H₁₄O₃ (1) C₁₂H₂₆ (2)		1-methoxy-2-(2-methoxy-ethoxy)-ethane dodecane						111-96-6 112-40-3
<i>T</i> /K = 298.15									94A2
<i>x</i> ₁	0.0000	0.1009	0.1998	0.2993	0.4034	0.5021	0.6015	0.7024	0.8008
<i>η</i> /(mPa s)	1.324	1.236	1.157	1.110	1.074	1.043	1.020	1.001	0.981
<i>x</i> ₁	0.9003	1.0000							
<i>η</i> /(mPa s)	0.980	0.992							
<i>T</i> /K = 308.15									94A2
<i>x</i> ₁	0.0000	0.1009	0.1998	0.2993	0.4034	0.5021	0.6015	0.7024	0.8008
<i>η</i> /(mPa s)	1.106	1.038	0.976	0.940	0.909	0.884	0.865	0.849	0.837
<i>x</i> ₁	0.9003	1.0000							
<i>η</i> /(mPa s)	0.735	0.845							
<i>T</i> /K = 318.15									94A2
<i>x</i> ₁	0.0000	0.1009	0.1998	0.2993	0.4034	0.5021	0.6015	0.7024	0.8008
<i>η</i> /(mPa s)	0.935	0.880	0.830	0.801	0.780	0.757	0.743	0.728	0.720
<i>x</i> ₁	0.9003	1.0000							
<i>η</i> /(mPa s)	0.719	0.728							
<i>T</i> /K = 298.15									99B2
<i>x</i> ₁	0.000	0.093	0.147	0.243	0.296	0.338	0.420	0.519	0.605
<i>v</i> /(mm ² /s)	1.844	1.734	1.663	1.542	1.460	1.427	1.374	1.290	1.252
<i>x</i> ₁	0.707	0.790	0.903	1.000					
<i>v</i> /(mm ² /s)	1.149	1.103	1.068	1.007					
<i>T</i> /K = 323.15									99B2
<i>x</i> ₁	0.000	0.060	0.176	0.194	0.247	0.402	0.495	0.619	0.710
<i>v</i> /(mm ² /s)	1.269	1.247	1.136	1.111	1.077	0.990	0.922	0.864	0.831
<i>x</i> ₁	0.807	0.906	1.000						
<i>v</i> /(mm ² /s)	0.791	0.784	0.735						
2493	C₆H₁₄O₃ (1) C₁₄H₃₀ (2)		1-methoxy-2-(2-methoxy-ethoxy)-ethane tetradecane						111-96-6 629-59-4
<i>T</i> /K = 298.15									94A2
<i>x</i> ₁	0.0000	0.0987	0.2023	0.3020	0.4002	0.5033	0.5940	0.6981	0.7958
<i>η</i> /(mPa s)	2.025	1.835	1.672	1.550	1.448	1.345	1.275	1.187	1.113
<i>x</i> ₁	0.8986	1.0000							
<i>η</i> /(mPa s)	1.044	0.992							
<i>T</i> /K = 308.15									94A2
<i>x</i> ₁	0.0000	0.0987	0.2023	0.3020	0.4002	0.5033	0.5940	0.6981	0.7958

η /(mPa s)	1.646	1.503	1.380	1.290	1.205	1.122	1.068	0.996	0.938
x_1	0.8986	1.0000							
η /(mPa s)	0.888	0.845							
$T/K = 318.15$									94A2
x_1	0.0000	0.0987	0.2023	0.3020	0.4002	0.5033	0.5940	0.6981	0.7958
η /(mPa s)	1.356	1.248	1.153	1.070	1.009	0.945	0.902	0.848	0.800
x_1	0.8986	1.0000							
η /(mPa s)	0.760	0.728							
2494	C₆H₁₄O₃ (1) C₁₆H₃₄ (2)		1-methoxy-2-(2-methoxy-ethoxy)-ethane hexadecane						111-96-6 544-76-3
$T/K = 298.15$									94A2
x_1	0.0000	0.1013	0.2067	0.3071	0.4030	0.5078	0.6013	0.7004	0.7997
η /(mPa s)	3.005	2.629	2.359	2.101	1.900	1.721	1.568	1.400	1.262
x_1	0.9021	1.0000							
η /(mPa s)	1.106	0.992							
$T/K = 308.15$									94A2
x_1	0.0000	0.1013	0.2067	0.3071	0.4030	0.5078	0.6013	0.7004	0.7997
η /(mPa s)	2.381	2.107	1.885	1.712	1.552	1.414	1.290	1.173	1.058
x_1	0.9021	1.0000							
η /(mPa s)	0.934	0.845							
$T/K = 318.15$									94A2
x_1	0.0000	0.1013	0.2067	0.3071	0.4030	0.5078	0.6013	0.7004	0.7997
η /(mPa s)	1.920	1.690	1.515	1.385	1.288	1.178	1.080	0.984	0.890
x_1	0.9021	1.0000							
η /(mPa s)	0.799	0.728							
2495	C₆H₁₅N (1) C₆H₁₅N (2)		hexylamine triethylamine						111-26-2 121-44-8
$T/K = 303.15$									92O4
x_2	0.0000	0.1014	0.1952	0.3807	0.4897	0.5912	0.7898	0.8946	1.0000
η /(mPa s)	0.7123	0.6552	0.6088	0.5322	0.4934	0.4613	0.4070	0.3827	0.3592
$T/K = 313.15$									92O4
x_2	0.0000	0.1014	0.1952	0.3807	0.4897	0.5912	0.7898	0.8946	1.0000
η /(mPa s)	0.6134	0.5654	0.5278	0.4639	0.4323	0.4027	0.3627	0.3436	0.3249
2496	C₆H₁₅N (1) C₇H₈O (2)		triethylamine 2-methyl-phenol						121-44-8 95-48-7

$T/^\circ\text{C} = 32.0$										89R7
x_2	0.1304	0.2523	0.3164	0.4736	0.5744	0.6697	0.7086	0.8435	0.9291	
$\eta/(\text{mPa s})$	0.93	1.39	2.03	3.59	5.88	10.46	20.96	7.61	4.61	
$T/^\circ\text{C} = 35.0$										89R7
x_2	0.1304	0.2523	0.3164	0.4736	0.5744	0.6697	0.7086	0.8435	0.9291	
$\eta/(\text{mPa s})$	0.88	1.34	1.99	3.45	5.65	9.54	18.41	7.48	4.71	
$T/^\circ\text{C} = 38.0$										89R7
x_2	0.1304	0.2523	0.3164	0.4736	0.5744	0.6697	0.7086	0.8435	0.9291	
$\eta/(\text{mPa s})$	0.60	1.00	1.45	3.10	5.25	8.86	16.85	6.68	4.56	
2497	C₆H₁₅N (1)		triethylamine							121-44-8
	C₈H₁₈ (2)		octane							111-65-9
$T/\text{K} = 303.15$										92O4
x_1	0.0000	0.1983	0.4032	0.5055	0.6044	0.7987	0.9028	1.0000		
$\eta/(\text{mPa s})$	0.4830	0.4507	0.4233	0.4110	0.3999	0.3795	0.3694	0.3592		
$T/\text{K} = 313.15$										92O4
x_1	0.0000	0.1983	0.4032	0.5055	0.6044	0.7987	0.9028	1.0000		
$\eta/(\text{mPa s})$	0.4201	0.3913	0.3701	0.3605	0.3523	0.3379	0.3310	0.3249		
2498	C₆H₁₅N (1)		triethylamine							121-44-8
	C₈H₁₈ (2)		2,2,4-trimethyl-pentane							540-84-1
$T/\text{K} = 303.15$										92O4
x_1	0.0000	0.1076	0.2064	0.4089	0.5106	0.6081	0.8040	0.9018	1.0000	
$\eta/(\text{mPa s})$	0.2759	0.2744	0.2760	0.2838	0.2911	0.3002	0.3248	0.3408	0.3592	
$T/\text{K} = 313.15$										92O4
x_1	0.0000	0.1076	0.2064	0.4089	0.5106	0.6081	0.8040	0.9018	1.0000	
$\eta/(\text{mPa s})$	0.2391	0.2432	0.2489	0.2626	0.2710	0.2799	0.3004	0.3125	0.3249	
2499	C₆H₁₅N (1)		triethylamine							121-44-8
	C₈H₁₉N (2)		octylamine							111-86-4
$T/\text{K} = 303.15$										92O4
x_1	0.0000	0.1056	0.2038	0.4151	0.4987	0.6055	0.8063	0.9007	1.0000	
$\eta/(\text{mPa s})$	1.1646	1.0207	0.9064	0.7044	0.6396	0.5641	0.4488	0.4031	0.3592	
$T/\text{K} = 313.15$										92O4
x_1	0.0000	0.1056	0.2038	0.4151	0.4987	0.6055	0.8063	0.9007	1.0000	
$\eta/(\text{mPa s})$	0.9864	0.8659	0.7719	0.6062	0.5533	0.4916	0.3975	0.3611	0.3249	
2500	C₆H₁₅N (1)		triethylamine							121-44-8

C₉H₁₂ (2)		1,3,5-trimethyl-benzene						108-67-8		
<i>T</i> /K = 293.15										
<i>x</i> ₂	0.0000	0.1033	0.2154	0.2645	0.3959	0.5072	0.6007	0.7132	0.7989	
η /(mPa s)	0.369	0.386	0.410	0.422	0.453	0.484	0.517	0.560	0.593	
<i>x</i> ₂	0.8692	1.0000								
η /(mPa s)	0.628	0.692								
<i>T</i> /K = 303.15										
<i>x</i> ₂	0.0000	0.1033	0.2154	0.2645	0.3959	0.5072	0.6007	0.7132	0.7989	
η /(mPa s)	0.333	0.350	0.369	0.378	0.407	0.432	0.462	0.497	0.526	
<i>x</i> ₂	0.8692	1.0000								
η /(mPa s)	0.557	0.612								
<i>T</i> /K = 313.15										
<i>x</i> ₂	0.0000	0.1033	0.2154	0.2645	0.3959	0.5072	0.6007	0.7132	0.7989	
η /(mPa s)	0.302	0.615	0.334	0.342	0.368	0.391	0.416	0.449	0.473	
<i>x</i> ₂	0.8692	1.0000								
η /(mPa s)	0.500	0.545								
<i>T</i> /K = 323.15										
<i>x</i> ₂	0.0000	0.1033	0.2154	0.2645	0.3959	0.5072	0.6007	0.7132	0.7989	
η /(mPa s)	0.275	0.288	0.304	0.312	0.335	0.357	0.378	0.407	0.429	
<i>x</i> ₂	0.8692	1.0000								
η /(mPa s)	0.452	0.495								
2501	C₆H₁₅N (1)	C₁₂H₁₁N (2)	triethylamine diphenylamine						121-44-8 122-39-4	
<i>T</i> /°C = 25.0										
<i>x</i> ₂	0.0000	0.1927	0.2507							
η /(mPa s)	0.357	0.810	0.884							
<i>T</i> /°C = 50.0										
<i>x</i> ₂	0.0000	0.1927	0.2507	0.4164	0.4574	0.5184	0.6470	0.6888	0.7811	
η /(mPa s)	0.285	0.504	0.597	1.09	1.08	1.32	1.97	2.29	3.12	
<i>x</i> ₂	1.0000									
η /(mPa s)	5.95									
<i>T</i> /°C = 75.0										
<i>x</i> ₂	0.0000	0.1927	0.2507	0.4164	0.4574	0.5184	0.6470	0.6888	0.7811	
η /(mPa s)	0.229	0.392	0.438	0.689	0.717	0.811	1.14	1.32	1.70	
<i>x</i> ₂	1.0000									
η /(mPa s)	2.69									
2502	C₆H₁₅N (1)	hexylamine						111-26-2		

	C₁₂H₂₇N (2)		tributylamine					102-82-9	
<i>T</i> /K = 303.15	9203								
<i>x</i> ₂	0.0000	0.1032	0.1936	0.3936	0.4924	0.6079	0.7820	0.9153	1.0000
<i>η</i> /(mPa s)	0.7123	0.7562	0.7958	0.8857	0.9301	0.9836	1.0632	1.1255	1.1668
<i>T</i> /K = 313.15	9203								
<i>x</i> ₂	0.0000	0.1032	0.1936	0.3936	0.4924	0.6079	0.7820	0.9153	1.0000
<i>η</i> /(mPa s)	0.6134	0.6517	0.6853	0.7606	0.7985	0.8436	0.9122	0.9652	1.0000
2503	C₆H₁₅O₄P (1) C₆H₁₈N₃OP (2)		phosphoric acid triethyl ester hexamethylphosphoric triamide					78-40-0 680-31-9	
<i>T</i> /°C = 25.0	78B1								
<i>x</i> ₂	0.000	0.098	0.245	0.394	0.490	0.596	0.746	0.894	1.000
<i>η</i> /(mPa s)	1.5484	1.6419	1.7762	1.9590	2.0826	2.2712	2.5458	2.9272	3.2223
<i>T</i> /°C = 35.0	78B1								
<i>x</i> ₂	0.000	0.098	0.245	0.394	0.490	0.596	0.746	0.894	1.000
<i>η</i> /(mPa s)	1.3208	1.3962	1.5053	1.6501	1.7541	1.8918	2.1171	2.4188	2.6549
<i>T</i> /°C = 45.0	78B1								
<i>x</i> ₂	0.000	0.098	0.245	0.394	0.490	0.596	0.746	0.894	1.000
<i>η</i> /(mPa s)	1.1476	1.2025	1.2967	1.4130	1.4975	1.6069	1.7924	2.0400	2.2459
2504	C₇H₅NS (1) C₁₂H₁₁N (2)		phenyl isothiocyanate diphenylamine					103-72-0 122-39-4	
<i>T</i> /°C = 50.0	4901								
<i>x</i> ₂	0.00	0.20	0.40	0.45	0.50	0.55	0.60	0.80	
<i>η</i> /(mPa s)	0.92	1.13	1.53	1.65	1.81	2.02	2.25	3.29	
2505	C₇H₆O (1) C₇H₈ (2)		benzaldehyde toluene					100-52-7 108-88-3	
<i>T</i> /°C = 30.0	23S1								
<i>φ</i> ₁	0.00	0.05	0.10	0.15	0.20	0.25	0.30	0.35	0.40
<i>η</i> /(mPa s)	0.6602	0.6901	0.7243	0.7647	0.7924	0.8333	0.8734	0.9229	0.9702
<i>φ</i> ₁	0.45	0.60	0.70	0.80	1.00				
<i>η</i> /(mPa s)	1.014	1.185	1.313	1.471	1.721				
2506	C₇H₆O (1) C₇H₈O (2)		benzaldehyde 2-methyl-phenol					100-52-7 95-48-7	
<i>T</i> /°C = 35.0	80S1								

x_1	0.000	0.099	0.296	0.401	0.497	0.601	0.692	0.887	1.000
η /(mPa s)	7.200	5.500	3.610	3.000	2.750	2.050	1.800	1.600	1.130
2507	C₇H₆O (1) C₇H₈O (2)		benzaldehyde 3-methyl-phenol						100-52-7 108-39-4
T /°C = 35.0									80S1
x_1	0.000	0.103	0.308	0.398	0.545	0.602	0.704	0.903	1.000
η /(mPa s)	7.635	5.863	3.972	3.450	2.597	2.300	1.844	1.370	1.130
2508	C₇H₆O (1) C₇H₈O (2)		benzaldehyde 4-methyl-phenol						100-52-7 106-44-5
T /°C = 35.0									80S1
x_1	0.000	0.097	0.302	0.400	0.494	0.602	0.694	0.906	1.000
η /(mPa s)	7.500	5.500	3.500	3.000	2.669	2.200	1.852	1.320	1.130
2509	C₇H₆O₂ (1) C₉H₇N (2)		benzoic acid quinoline						65-85-0 91-22-5
T /°C = 99.0									15B1
x_2	0.00	0.10	0.20	0.35	0.45	0.50	0.61	0.667	0.68
η /(mPa s)	0.752	0.911	1.087	1.455	1.821	2.015	2.304	2.481	2.401
x_2	0.70	0.73	0.75						
η /(mPa s)	2.380	2.313	2.308						
T /°C = 104.0									15B1
x_2	0.00	0.10	0.20	0.45	0.50	0.667	0.68	0.70	0.73
η /(mPa s)	0.706	0.852	1.018	1.590	1.732	2.148	2.107	2.082	1.982
x_2	0.75								
η /(mPa s)	2.003								
T /°C = 115.0									15B1
x_2	0.10	0.35	0.45	0.50	0.667	0.68	0.73	0.75	0.82
η /(mPa s)	0.798	1.203	1.322	1.489	1.762	1.808	1.779	1.766	1.378
T /°C = 125.0									15B1
x_2	0.10	0.35	0.45	0.50	0.667	0.68	0.73	0.75	0.82
η /(mPa s)	0.730	1.069	1.176	1.309	1.502	1.547	1.524	1.490	1.188
x_2	1.00								
η /(mPa s)	1.049								
2510	C₇H₆O₂ (1) C₁₄H₁₂O₂ (2)		benzoic acid benzoic acid benzyl ester						65-85-0 120-51-4

$\varphi_1 = 0.00$										35B1
$T/^\circ\text{C}$	80.0	100.0	120.0	140.0						
$\eta /(\text{mPa s})$	2.244	1.655	1.219	1.003						
$\varphi_1 = 0.25$										35B1
$T/^\circ\text{C}$	80.0	100.0	120.0	140.0						
$\eta /(\text{mPa s})$	2.500	1.832	1.355	1.082						
$\varphi_1 = 0.50$										35B1
$T/^\circ\text{C}$	100.0	120.0	140.0							
$\eta /(\text{mPa s})$	1.921	1.491	1.125							
$\varphi_1 = 0.75$										35B1
$T/^\circ\text{C}$	110.0	120.0	140.0							
$\eta /(\text{mPa s})$	1.692	1.471	1.153							
$\varphi_1 = 1.00$										35B1
$T/^\circ\text{C}$	121.0	130.0	140.0	150.0						
$\eta /(\text{mPa s})$	1.494	1.327	1.1765	1.051						

2511 **C₇H₇NO₂ (1)** **2-nitro-toluene** **88-72-2**
C₈H₁₀ (2) **1,2-dimethyl-benzene** **95-47-6**

$T/\text{K} = 308.15$ 99G2

x_2	0.0000	0.1023	0.2014	0.3006	0.4018	0.5041	0.6102	0.7028	0.8056
$\eta /(\text{mPa s})$	1.727	1.548	1.392	1.262	1.143	1.027	0.928	0.850	0.773

x_2	0.9008	1.0000
$\eta /(\text{mPa s})$	0.709	0.659

2512 **C₇H₇NO₂ (1)** **2-nitro-toluene** **88-72-2**
C₈H₁₀ (2) **1,3-dimethyl-benzene** **108-38-3**

$T/\text{K} = 308.15$ 99G2

x_2	0.0000	0.1014	0.2022	0.3044	0.4036	0.4990	0.6052	0.6913	0.8068
$\eta /(\text{mPa s})$	1.727	1.358	1.154	1.027	0.938	0.870	0.792	0.735	0.654

x_2	0.8993	1.0000
$\eta /(\text{mPa s})$	0.596	0.542

2513 **C₇H₇NO₂ (1)** **2-nitro-toluene** **88-72-2**
C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

$T/\text{K} = 308.15$ 99G2

x_2	0.0000	0.1044	0.2016	0.2968	0.4024	0.4938	0.6032	0.6951	0.8009
$\eta /(\text{mPa s})$	1.727	1.342	1.153	1.034	0.942	0.879	0.810	0.754	0.681

x_2	0.8955	1.0000
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η /(mPa s) 0.624 0.563

2514 **C₇H₇NO₂ (1)** **3-nitro-toluene** **99-08-1**
 C₈H₁₀ (2) **1,2-dimethyl-benzene** **95-47-6**

$T/K = 308.15$

99G2

x_2 0.0000 0.1044 0.2068 0.2995 0.4028 0.5015 0.6123 0.7055 0.8268

η /(mPa s) 1.692 1.384 1.211 1.102 1.010 0.944 0.867 0.810 0.742

x_2 0.9132 1.0000

η /(mPa s) 0.698 0.659

2515 **C₇H₇NO₂ (1)** **3-nitro-toluene** **99-08-1**
 C₈H₁₀ (2) **1,3-dimethyl-benzene** **108-38-3**

$T/K = 308.15$

99G2

x_2 0.0000 0.1017 0.2062 0.3032 0.4055 0.5001 0.6028 0.6999 0.8043

η /(mPa s) 1.692 1.330 1.133 1.014 0.926 0.861 0.785 0.720 0.653

x_2 0.9007 1.0000

η /(mPa s) 0.590 0.542

2516 **C₇H₇NO₂ (1)** **3-nitro-toluene** **99-08-1**
 C₈H₁₀ (2) **1,4-dimethyl-benzene** **106-42-3**

$T/K = 308.15$

99G2

x_2 0.0000 0.1004 0.2046 0.2963 0.4016 0.4954 0.6076 0.7023 0.8036

η /(mPa s) 1.692 1.322 1.122 1.004 0.908 0.846 0.768 0.706 0.649

x_2 0.8975 1.0000

η /(mPa s) 0.600 0.563

2517 **C₇H₇NO₂ (1)** **2-nitro-toluene** **88-72-2**
 C₁₀H₁₄N₂ (2) **(S)-(-)-nicotine** **54-11-5**

$T/^\circ\text{C} = 25.0$

50B1

x_2 0.0000 0.1058 0.2027 0.2928 0.4027 0.4939 0.5968 0.6894 0.7864

η /(mPa s) 2.0887 2.2288 2.4239 2.5829 2.7750 3.0075 3.1169 3.3354 3.4704

x_2 0.8909 1.0000

η /(mPa s) 3.6972 3.9842

$T/^\circ\text{C} = 50.0$

50B1

x_2 0.0000 0.1058 0.2027 0.2928 0.4027 0.4939 0.5968 0.6894 0.7864

η /(mPa s) 1.3477 1.4046 1.4806 1.5566 1.6247 1.7000 1.7636 1.9089 1.9194

x_2 0.8909 1.0000

η /(mPa s) 2.0016 2.0376

$T/^\circ\text{C} = 75.0$										50B1
x_2	0.0000	0.1058	0.2027	0.2928	0.4027	0.4939	0.5968	0.6894	0.7864	
$\eta/(\text{mPa s})$	0.9730	1.0012	1.0030	1.0757	1.1060	1.1373	1.1683	1.2012	1.2190	
x_2	0.8909	1.0000								
$\eta/(\text{mPa s})$	1.2399	1.2626								
2518	C₇H₇NO₂ (1) C₁₀H₁₄N₂ (2)		4-nitro-toluene (S)-(-)-nicotine							99-99-0 54-11-5
$T/^\circ\text{C} = 25.0$										50B1
x_2	0.4168	0.4966	0.5738	0.6957	0.7941	0.8768	0.8990	1.0000		
$\eta/(\text{mPa s})$	2.8022	2.9157	3.0623	3.2863	3.5509	3.6578	3.7829	3.9842		
$T/^\circ\text{C} = 50.0$										50B1
x_2	0.0000	0.0960	0.2083	0.3472	0.4168	0.4966	0.5738	0.6957	0.7941	
$\eta/(\text{mPa s})$	1.2908	1.3441	1.4961	1.5657	1.6458	1.6743	1.6889	1.7885	1.9076	
x_2	0.8768	0.8990	1.0000							
$\eta/(\text{mPa s})$	1.9259	1.9339	2.0376							
$T/^\circ\text{C} = 75.0$										50B1
x_2	0.0000	0.0960	0.2083	0.3472	0.4168	0.4966	0.5738	0.6957	0.7941	
$\eta/(\text{mPa s})$	0.8988	0.9280	0.9717	1.0404	1.0751	1.0957	1.1092	1.1469	1.1598	
x_2	0.8768	0.8990	1.0000							
$\eta/(\text{mPa s})$	1.1631	1.2000	1.2626							
2519	C₇H₇NO₂ (1) C₁₂H₁₈O₈ (2)		3-nitro-toluene 2,3-diacetoxy-succinic acid diethyl ester							99-08-1 2364-65-0
$T/^\circ\text{C} = 67.3$										10S1
w_2	0.0000	0.2592	0.4832	0.6774	0.8077	0.9218	1.0000			
$\eta/(\text{mPa s})$	0.867	1.385	2.026	3.240	4.593	7.606	8.951			
$T/^\circ\text{C} = 82.2$										10S1
w_2	0.0000	0.2592	0.4832	0.6774	0.8077	0.9218	1.0000			
$\eta/(\text{mPa s})$	0.712	1.125	1.466	2.208	2.936	4.318	5.504			
$T/^\circ\text{C} = 99.0$										10S1
w_2	0.0000	0.2592	0.4832	0.6774	0.8077	0.9218	1.0000			
$\eta/(\text{mPa s})$	0.570	0.853	1.042	1.526	1.888	2.692	3.126			
2520	C₇H₈ (1) C₇H₈O (2)		toluene 2-methyl-phenol							108-88-3 95-48-7
$T/\text{K} = 308.15$										83D1
x_2	0.0000	0.1491	0.2240	0.3070	0.3970	0.5325	0.6095	0.6968	0.7755	

η /(mPa s)	0.4956	0.6000	0.7051	0.8217	0.9904	1.3319	1.6038	2.0345	2.5436
x_2	0.8700	1.0000							
η /(mPa s)	3.3693	6.6370							

 $T/K = 308.15$

83D1

x_2	0.0000	0.1491	0.2240	0.3070	0.3970	0.5325	0.6095	0.6968	0.7755
ν /(mm ² /s)	0.5810	0.6821	0.7895	0.9049	1.0714	1.4043	1.6655	2.0786	2.5615
x_2	0.8700	1.0000							
ν /(mm ² /s)	3.3355	6.4211							

2521 **C₇H₈ (1)** **toluene** **108-88-3**
 C₇H₈O (2) **3-methyl-phenol** **108-39-4**

 $T/K = 308.15$

83D1

x_2	0.0000	0.0892	0.1980	0.3227	0.4371	0.5644	0.6801	0.7905	0.8866
η /(mPa s)	0.4956	0.5693	0.7009	0.9138	1.2147	1.7097	2.4400	3.4159	4.8710
x_2	0.9596	1.0000							
η /(mPa s)	6.4340	8.7224							

 $T/^\circ\text{C} = 12.0$

14K1

x_2	0.000	0.250	0.500	0.750	1.000
η/η_{water}	0.6080	0.9140	2.020	6.648	23.92

 $T/^\circ\text{C} = 64.0$

14K1

x_2	0.000	0.250	0.500	0.750	1.000
η/η_{water}	0.8419	1.048	1.463	2.468	4.119

 $T/K = 308.15$

83D1

x_2	0.0000	0.0892	0.1980	0.3227	0.4371	0.5644	0.6801	0.7905	0.8866
ν /(mm ² /s)	0.5810	0.6555	0.7900	1.0056	1.3081	1.7986	2.5144	3.4533	4.8450
x_2	0.9596	1.0000							
ν /(mm ² /s)	6.3224	8.5143							

2522 **C₇H₈ (1)** **toluene** **108-88-3**
 C₇H₈O (2) **4-methyl-phenol** **106-44-5**

 $T/K = 308.15$

83D1

x_2	0.0000	0.0324	0.0983	0.2079	0.3050	0.4170	0.5800	0.6813	0.7299
η /(mPa s)	0.4956	0.5202	0.5823	0.7295	0.9088	1.2005	1.8665	2.6359	3.2003
x_2	0.8358	0.8532	0.9349	1.0000					
η /(mPa s)	4.6459	5.0797	6.8733	9.4022					

 $T/K = 308.15$

83D1

x_2	0.0000	0.0324	0.0983	0.2079	0.3050	0.4170	0.5800	0.6813	0.7299
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ν /(mm ² /s)	0.5810	0.6058	0.6693	0.8208	1.0037	1.2986	1.9606	2.7202	3.2695
x_2	0.8358	0.8532	0.9349	1.0000					
ν /(mm ² /s)	4.6079	5.0827	6.7961	9.1981					

2523	C₇H₈ (1)	C₇H₈O (2)	toluene phenylmethanol							108-88-3 100-51-6
$T/^\circ\text{C} = 30.0$										
x_1	0.0000	0.0973	0.1952	0.2937	0.3927	0.4924	0.5927	0.6936	0.7951	
η /(mPa s)	4.605	3.563	2.788	2.226	1.758	1.386	1.107	0.8989	0.7359	
x_1	0.8972	1.0000								
η /(mPa s)	0.6154	0.5372								
$T/^\circ\text{C} = 40.0$										
x_1	0.0000	0.0973	0.1952	0.2937	0.3927	0.4924	0.5927	0.6936	0.7951	
η /(mPa s)	3.533	2.793	2.237	1.781	1.440	1.150	0.9561	0.7776	0.6508	
x_1	0.8972	1.0000								
η /(mPa s)	0.5511	0.4851								
$T/^\circ\text{C} = 50.0$										
x_1	0.0000	0.0973	0.1952	0.2937	0.3927	0.4924	0.5927	0.6936	0.7951	
η /(mPa s)	2.646	2.177	1.730	1.403	1.157	0.9401	0.7918	0.6576	0.5456	
x_1	0.8972	1.0000								
η /(mPa s)	0.4771	0.4272								
$T/^\circ\text{C} = 60.0$										
x_1	0.0000	0.0973	0.1952	0.2937	0.3927	0.4924	0.5927	0.6936	0.7951	
η /(mPa s)	2.037	1.683	1.406	1.180	0.9701	0.8112	0.6838	0.5757	0.4829	
x_1	0.8972	1.0000								
η /(mPa s)	0.4265	0.3905								
$T/^\circ\text{C} = 30.0$										
x_1	0.0000	0.0973	0.1952	0.2937	0.3927	0.4924	0.5927	0.6936	0.7951	
ν /(mm ² /s)	4.420	3.479	2.771	2.248	1.811	1.454	1.184	0.9808	0.8195	
x_1	0.8972	1.0000								
ν /(mm ² /s)	0.7000	0.6196								
$T/^\circ\text{C} = 40.0$										
x_1	0.0000	0.0973	0.1952	0.2937	0.3927	0.4924	0.5927	0.6936	0.7951	
ν /(mm ² /s)	3.401	2.736	2.233	1.807	1.492	1.213	1.029	0.8544	0.7291	
x_1	0.8972	1.0000								
ν /(mm ² /s)	0.6314	0.5675								
$T/^\circ\text{C} = 50.0$										
x_1	0.0000	0.0973	0.1952	0.2937	0.3927	0.4924	0.5927	0.6936	0.7951	
ν /(mm ² /s)	2.556	2.081	1.734	1.428	1.204	0.9956	0.8565	0.7257	0.6147	

x_1	0.8972	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.5494	0.5028							
$T/^\circ\text{C} = 60.0$									83S1
x_1	0.0000	0.0973	0.1952	0.2937	0.3927	0.4924	0.5927	0.6936	0.7951
$\eta /(\text{mPa s})$	1.975	1.660	1.414	1.205	1.013	0.8616	0.7429	0.6382	0.5466
x_1	0.8972	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.4937	0.4608							
2524	C_7H_8 (1)		toluene						108-88-3
	$\text{C}_7\text{H}_8\text{O}_2$ (2)		2-methoxy-phenol						90-05-1
$T/^\circ\text{C} = 30.0$									29P1
x_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta /(\text{mPa s})$	4.45	3.17	2.47	1.83	1.50	1.20	0.981	0.815	0.700
x_1	0.90	1.00							
$\eta /(\text{mPa s})$	0.599	0.526							
2525	C_7H_8 (1)		toluene						108-88-3
	C_7H_{14} (2)		methylcyclohexane						108-87-2
$T/\text{K} = 298.15$									90C1
x_1	0.0000	0.1563	0.3664	0.5198	0.6594	0.8435	1.0000		
$\nu /(\text{mm}^2/\text{s})$	0.8807	0.7962	0.7175	0.6794	0.6549	0.6367	0.6345		
2526	C_7H_8 (1)		toluene						108-88-3
	$\text{C}_7\text{H}_{15}\text{N}$ (2)		N-methyl-cyclohexylamine						100-60-7
$T/\text{K} = 303.15$									92P5
x_2	0.0000	0.1666	0.2558	0.4333	0.5038	0.5397	0.6859	0.7427	0.8831
$\eta /(\text{mPa s})$	0.5262	0.7002	0.7818	0.9264	0.9781	1.0039	1.0958	1.1270	1.1890
x_2	1.0000								
$\eta /(\text{mPa s})$	1.2167								
2527	C_7H_8 (1)		toluene						108-88-3
	C_7H_{16} (2)		heptane						142-82-5
$T/\text{K} = 298.15$									94P1
x_2	0.6030	0.5790	0.5610	0.5500	0.5408	0.5328	0.5212	0.5179	0.5106
$\eta /(\text{mPa s})$	0.4535	0.4580	0.4615	0.4640	0.4655	0.4670	0.4690	0.4700	0.4710
x_2	0.5045	0.4996	0.4983	0.4953	0.4895	0.4771			
$\eta /(\text{mPa s})$	0.4720	0.4730	0.4735	0.4740	0.4760	0.4775			
$T/^\circ\text{C} = 20.0$									93P2

x_2	0.0000	0.1007	0.2513	0.4009	0.5511	0.7009	0.8503	1.0000	
η /(mPa s)	0.591	0.541	0.494	0.464	0.440	0.427	0.417	0.413	
$T/^\circ\text{C} = 25.0$									93P2
x_2	0.0000	0.1007	0.2513	0.4009	0.5511	0.7009	0.8503	1.0000	
η /(mPa s)	0.552	0.512	0.469	0.440	0.418	0.404	0.394	0.388	
$T/^\circ\text{C} = 30.0$									93P2
x_2	0.0000	0.1007	0.2513	0.4009	0.5511	0.7009	0.8503	1.0000	
η /(mPa s)	0.522	0.486	0.446	0.419	0.399	0.385	0.377	0.372	
$T/^\circ\text{C} = 35.0$									93P2
x_2	0.0000	0.1007	0.2513	0.4009	0.5511	0.7009	0.8503	1.0000	
η /(mPa s)	0.484	0.451	0.415	0.389	0.370	0.358	0.350	0.347	
$T/^\circ\text{C} = 20.0$									75M2
x_1	0.0000	0.2213	0.3198	0.3686	0.6577	0.9734	1.0000		
ν /(mm ² /s)	0.612	0.604	0.607	0.608	0.633	0.678	0.678		
$T/^\circ\text{C} = 25.0$									75M2
x_1	0.0000	0.2213	0.2781	0.3198	0.3686	0.4987	0.6782	0.6577	0.8284
ν /(mm ² /s)	0.584	0.576	0.569	0.570	0.571	0.581	0.609	0.611	0.612
x_1	0.9039	0.9585	0.9890	1.0000					
ν /(mm ² /s)	0.627	0.638	0.642	0.641					
2528	C₇H₈ (1) C₇H₁₆O (2)		toluene heptan-1-ol						108-88-3 111-70-6
$T/^\circ\text{C} = 30.0$									91R3
x_1	0.0000	0.1159	0.2507	0.3775	0.4854	0.5983	0.7025	0.7989	0.8928
η /(mPa s)	4.8161	3.5763	2.5049	1.7901	1.3722	1.0459	0.8400	0.6976	0.5960
x_1	1.0000								
η /(mPa s)	0.5285								
2529	C₇H₈ (1) C₈H₈O (2)		toluene 1-phenyl-ethanone						108-88-3 98-86-2
$T/^\circ\text{C} = 30.0$									97A1
x_2	0.0000	0.1203	0.2020	0.3271	0.4336	0.5204	0.6309	0.7664	0.9054
η /(mPa s)	0.5268	0.5423	0.5761	0.6455	0.7073	0.7999	0.9001	1.0523	1.2715
x_2	1.0000								
η /(mPa s)	1.5111								
$T/^\circ\text{C} = 35.0$									97A1
x_2	0.0000	0.1018	0.2110	0.3113	0.4181	0.5323	0.6229	0.7403	0.8329
η /(mPa s)	0.4984	0.5225	0.5628	0.6412	0.7179	0.8021	0.9012	1.0323	1.2575

x_2	1.0000								
$\eta /(\text{mPa s})$	1.4526								
$T / ^\circ\text{C} = 40.0$									97A1
x_2	0.0000	0.1018	0.2110	0.3113	0.4181	0.5323	0.6229	0.7403	0.8329
$\eta /(\text{mPa s})$	0.4811	0.5255	0.5631	0.6251	0.7062	0.7812	0.8712	1.0125	1.1721
x_2	1.0000								
$\eta /(\text{mPa s})$	1.3515								
2530	C₇H₈ (1)		toluene						108-88-3
	C₈H₁₀ (2)		1,2-dimethyl-benzene						95-47-6
$x_2 = 0.0000$									55M1
$T / ^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta /(\text{mPa s})$	0.992	0.866	0.772	0.669	0.586	0.519	0.470	0.418	
$T / ^\circ\text{C}$	60.0	70.0	80.0						
$\eta /(\text{mPa s})$	0.382	0.347	0.319						
$x_2 = 0.1795$									55M1
$T / ^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta /(\text{mPa s})$	1.077	0.926	0.809	0.700	0.616	0.546	0.489	0.441	
$T / ^\circ\text{C}$	60.0	70.0	80.0						
$\eta /(\text{mPa s})$	0.404	0.367	0.339						
$x_2 = 0.3331$									55M1
$T / ^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta /(\text{mPa s})$	1.154	0.950	0.848	0.731	0.640	0.567	0.508	0.456	
$T / ^\circ\text{C}$	60.0	70.0	80.0						
$\eta /(\text{mPa s})$	0.419	0.381	0.350						
$x_2 = 0.4777$									55M1
$T / ^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta /(\text{mPa s})$	1.210	1.034	0.903	0.763	0.670	0.601	0.528	0.472	
$T / ^\circ\text{C}$	60.0	70.0	80.0						
$\eta /(\text{mPa s})$	0.431	0.394	0.367						
$x_2 = 0.6393$									55M1
$T / ^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta /(\text{mPa s})$	1.271	1.082	0.951	0.813	0.708	0.626	0.557	0.500	
$T / ^\circ\text{C}$	60.0	70.0	80.0						
$\eta /(\text{mPa s})$	0.452	0.414	0.377						
$x_2 = 0.6997$									55M1
$T / ^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta /(\text{mPa s})$	1.301	1.125	0.975	0.834	0.722	0.636	0.568	0.507	
$T / ^\circ\text{C}$	60.0	70.0	80.0						

η /(mPa s)	0.459	0.419	0.384						
$x_2 = 1.0000$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
η /(mPa s)	1.451	1.237	1.104	0.932	0.806	0.709	0.625	0.558	
$T/^\circ\text{C}$	60.0	70.0	80.0						
η /(mPa s)	0.502	0.457	0.418						
$T/\text{K} = 298.15$									90C1
x_1	0.0000	0.1476	0.3604	0.5054	0.6638	0.8513	1.0000		
ν /(mm ² /s)	0.8542	0.8131	0.7600	0.7274	0.6948	0.6597	0.6345		
2531	C₇H₈ (1)		toluene						108-88-3
	C₈H₁₀ (2)		1,4-dimethyl-benzene						106-42-3
$x_2 = 0.0000$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
η /(mPa s)	0.992	0.866	0.772	0.669	0.586	0.519	0.470	0.418	
$T/^\circ\text{C}$	60.0	70.0	80.0						
η /(mPa s)	0.382	0.347	0.319						
$x_2 = 0.1481$									55M1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	
η /(mPa s)	0.668	0.588	0.526	0.470	0.423	0.388	0.350	0.322	
$x_2 = 0.3997$									55M1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	
η /(mPa s)	0.683	0.600	0.532	0.491	0.437	0.394	0.360	0.332	
$x_2 = 0.6863$									55M1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	
η /(mPa s)	0.696	0.624	0.547	0.500	0.450	0.404	0.370	0.338	
$x_2 = 0.8484$									55M1
$T/^\circ\text{C}$	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	
η /(mPa s)	0.711	0.636	0.560	0.509	0.459	0.402	0.374	0.351	
$x_2 = 1.0000$									55M1
$T/^\circ\text{C}$	20.0	30.0	40.0	50.0	60.0	70.0	80.0		
η /(mPa s)	0.650	0.573	0.516	0.465	0.417	0.379	0.355		
$T/\text{K} = 298.15$									90C1
x_1	0.0000	0.1698	0.3609	0.5067	0.6258	0.8273	1.0000		
ν /(mm ² /s)	0.6975	0.6876	0.6765	0.6675	0.6598	0.6462	0.6345		
2532	C₇H₈ (1)		toluene						108-88-3
	C₈H₁₀ (2)		ethylbenzene						100-41-4

$T/^\circ\text{C} = 30.0$									90S3
x_1	0.0000	0.1132	0.2231	0.3299	0.4337	0.5346	0.6328	0.7283	0.8213
$\eta/(\text{mPa s})$	0.5976	0.5762	0.5631	0.5536	0.5462	0.5363	0.5332	0.5305	0.5322
x_1	0.9118	1.0000							
$\eta/(\text{mPa s})$	0.5342	0.5372							
$T/^\circ\text{C} = 40.0$									90S3
x_1	0.0000	0.1132	0.2231	0.3299	0.4337	0.5346	0.6328	0.7283	0.8213
$\eta/(\text{mPa s})$	0.5369	0.5203	0.5094	0.4983	0.4916	0.4862	0.4813	0.4781	0.4795
x_1	0.9118	1.0000							
$\eta/(\text{mPa s})$	0.4822	0.4851							
$T/^\circ\text{C} = 50.0$									90S3
x_1	0.0000	0.1132	0.2231	0.3299	0.4337	0.5346	0.6328	0.7283	0.8213
$\eta/(\text{mPa s})$	0.4852	0.4642	0.4516	0.4442	0.4402	0.4352	0.4342	0.4324	0.4252
x_1	0.9118	1.0000							
$\eta/(\text{mPa s})$	0.4262	0.4272							
$T/^\circ\text{C} = 60.0$									90S3
x_1	0.0000	0.1132	0.2231	0.3299	0.4337	0.5346	0.6328	0.7283	0.8213
$\eta/(\text{mPa s})$	0.4410	0.4273	0.4181	0.4116	0.4072	0.4053	0.4016	0.3981	0.3964
x_1	0.9118	1.0000							
$\eta/(\text{mPa s})$	0.3922	0.3905							
$T/\text{K} = 298.15$									88F1
x_1	0.0000	0.1308	0.2529	0.3685	0.4784	0.6663	0.8024	0.9209	1.0000
$\eta/(\text{mPa s})$	0.627	0.623	0.616	0.604	0.592	0.580	0.568	0.560	0.554
$x_2 = 0.0000$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	0.992	0.866	0.772	0.669	0.586	0.519	0.470	0.418	
$T/^\circ\text{C}$	60.0	70.0	80.0						
$\eta/(\text{mPa s})$	0.382	0.347	0.319						
$x_2 = 0.1526$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.048	0.887	0.764	0.671	0.597	0.533	0.479	0.430	
$T/^\circ\text{C}$	60.0	70.0							
$\eta/(\text{mPa s})$	0.392	0.358							
$x_2 = 0.3394$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.075	0.911	0.786	0.687	0.611	0.546	0.490	0.443	
$T/^\circ\text{C}$	60.0	70.0							
$\eta/(\text{mPa s})$	0.403	0.369							

$x_2 = 0.4813$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.096	0.929	0.803	0.701	0.623	0.554	0.496	0.447	
$T/^\circ\text{C}$	60.0	70.0							
$\eta/(\text{mPa s})$	0.408	0.372							
$x_2 = 0.6335$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.117	0.948	0.820	0.716	0.636	0.565	0.505	0.459	
$T/^\circ\text{C}$	60.0	70.0	80.0						
$\eta/(\text{mPa s})$	0.418	0.381	0.349						
$x_2 = 0.8191$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.150	0.979	0.840	0.734	0.652	0.581	0.520	0.460	
$T/^\circ\text{C}$	60.0	70.0							
$\eta/(\text{mPa s})$	0.418	0.383							
$x_2 = 1.0000$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.174	1.024	0.876	0.759	0.673	0.598	0.532	0.483	
$T/^\circ\text{C}$	60.0	70.0	80.0						
$\eta/(\text{mPa s})$	0.437	0.387	0.364						
$T/^\circ\text{C} = 30.0$									90S3
x_1	0.0000	0.1132	0.2231	0.3299	0.4337	0.5346	0.6328	0.7283	0.8213
$\nu/(\text{mm}^2/\text{s})$	0.6912	0.6674	0.6530	0.6426	0.6346	0.6236	0.6204	0.6174	0.6198
x_1	0.9118	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.6224	0.6196							
$T/^\circ\text{C} = 40.0$									90S3
x_1	0.0000	0.1132	0.2231	0.3299	0.4337	0.5346	0.6328	0.7283	0.8213
$\nu/(\text{mm}^2/\text{s})$	0.6245	0.6056	0.5934	0.5807	0.5735	0.5677	0.5624	0.5591	0.5613
x_1	0.9118	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.5646	0.5675							
$T/^\circ\text{C} = 50.0$									90S3
x_1	0.0000	0.1132	0.2231	0.3299	0.4337	0.5346	0.6328	0.7283	0.8213
$\nu/(\text{mm}^2/\text{s})$	0.5677	0.5440	0.5298	0.5216	0.5174	0.5118	0.5109	0.5090	0.5007
x_1	0.9118	1.0000							
$\nu/(\text{mm}^2/\text{s})$	0.5021	0.5028							
$T/^\circ\text{C} = 60.0$									90S3
x_1	0.0000	0.1132	0.2231	0.3299	0.4337	0.5346	0.6328	0.7283	0.8213
$\nu/(\text{mm}^2/\text{s})$	0.5190	0.5036	0.4934	0.4861	0.4813	0.4793	0.4751	0.4712	0.4693
x_1	0.9118	1.0000							

$v/(mm^2/s)$ 0.4644 0.4608

$T/K = 298.15$

88F1

x_1	0.0000	0.1308	0.2529	0.3685	0.4784	0.6663	0.8024	0.9209	1.0000
$v/(mm^2/s)$	0.727	0.722	0.714	0.700	0.687	0.673	0.659	0.649	0.642

2533 **C₇H₈ (1)** **toluene** **108-88-3**
 C₈H₁₁N (2) **N,N-dimethyl-aniline** **121-69-7**

$T/^\circ C = 25.0$

72K1

x_2	0.00000	0.10112	0.19611	0.31251	0.40110	0.49296	0.59735	0.70104
$\eta/(mPa\ s)$	0.557	0.597	0.653	0.711	0.767	0.831	0.906	0.989

x_2	0.80146	0.89832	1.00000
$\eta/(mPa\ s)$	1.066	1.173	1.288

$T/^\circ C = 25.0$

71K1

x_2	0.00000	0.10112	0.19611	0.31251	0.40110	0.49296	0.59735	0.70104
$\eta/(mPa\ s)$	0.557	0.597	0.653	0.711	0.767	0.831	0.906	0.989

x_2	0.80146	0.89832	1.00000
$\eta/(mPa\ s)$	1.066	1.173	1.288

$T/^\circ C = 30.0$

71K1

x_2	0.00000	0.10112	0.19611	0.31251	0.40110	0.49296	0.59735	0.70104
$\eta/(mPa\ s)$	0.524	0.561	0.604	0.668	0.714	0.770	0.834	0.911

x_2	0.80146	0.89832	1.00000
$\eta/(mPa\ s)$	0.988	1.070	1.173

$T/^\circ C = 35.0$

71K1

x_2	0.00000	0.10112	0.19611	0.31251	0.40110	0.49296	0.59735	0.70104
$\eta/(mPa\ s)$	0.501	0.532	0.570	0.625	0.671	0.726	0.782	0.854

x_2	0.80146	0.89832	1.00000
$\eta/(mPa\ s)$	0.918	0.999	1.078

$T/^\circ C = 40.0$

71K1

x_2	0.00000	0.10112	0.19611	0.31251	0.40110	0.49296	0.59735	0.70104
$\eta/(mPa\ s)$	0.470	0.499	0.536	0.586	0.619	0.664	0.726	0.780

x_2	0.80146	0.89832	1.00000
$\eta/(mPa\ s)$	0.851	0.914	0.985

2534 **C₇H₈ (1)** **toluene** **108-88-3**
 C₈H₁₈ (2) **octane** **111-65-9**

$T/^\circ C = 30.0$

58L1

x_1	0.0000	0.2634	0.4184	0.8282	0.8880	0.9417	1.0000
$\eta/(mPa\ s)$	0.4865	0.470	0.464	0.485	0.498	0.508	0.520

$T/^\circ\text{C} = 55.0$									58L1
x_1	0.0000	0.2634	0.4184	0.8282	0.8880	0.9417	1.0000		
$\eta /(\text{mPa}\cdot\text{s})$	0.3740	0.375	0.362	0.373	0.378	0.384	0.398		
$T/^\circ\text{C} = 75.0$									58L1
x_1	0.0000	0.2634	0.4184	0.8282	0.8880	0.9417	1.0000		
$\eta /(\text{mPa}\cdot\text{s})$	0.3134	0.302	0.297	0.309	0.316	0.322	0.330		
$T/^\circ\text{C} = 95.0$									58L1
x_1	0.0000	0.2634	0.4184	0.8282	0.8880	0.9417	1.0000		
$\eta /(\text{mPa}\cdot\text{s})$	0.2658	0.255	0.252	0.266	0.270	0.274	0.280		
$T/\text{K} = 308.15$									91V1
x_1	0.0000	0.0440	0.1032	0.2008	0.2940	0.3983	0.4956	0.6003	0.6974
$v /(\text{mm}^2/\text{s})$	0.6580	0.6503	0.6389	0.6229	0.6082	0.5952	0.5849	0.5759	0.5699
x_1	0.8019	0.8979	1.0000						
$v /(\text{mm}^2/\text{s})$	0.5673	0.5697	0.5783						
$T/\text{K} = 313.15$									91V1
x_1	0.0000	0.0517	0.1038	0.1986	0.2989	0.4023	0.4942	0.5939	0.6947
$v /(\text{mm}^2/\text{s})$	0.6261	0.6178	0.6093	0.5949	0.5805	0.5681	0.5581	0.5495	0.5439
x_1	0.8003	0.8976	1.0000						
$v /(\text{mm}^2/\text{s})$	0.5409	0.5427	0.5508						
$T/\text{K} = 293.15$									90A5
x_1	0.0000	0.0584	0.1021	0.2065	0.3044	0.3937	0.5027	0.5946	0.6979
$v /(\text{mm}^2/\text{s})$	0.7697	0.7577	0.7463	0.7242	0.7074	0.6914	0.6771	0.6686	0.6615
x_1	0.8029	0.8990	1.0000						
$v /(\text{mm}^2/\text{s})$	0.6603	0.6647	0.6777						
$T/\text{K} = 298.15$									90A5
x_1	0.0000	0.0499	0.0910	0.1548	0.2566	0.3472	0.4447	0.5437	0.6408
$v /(\text{mm}^2/\text{s})$	0.7298	0.7182	0.7099	0.6967	0.6775	0.6637	0.6489	0.6389	0.6321
x_1	0.7612	0.8747	1.0000						
$v /(\text{mm}^2/\text{s})$	0.6259	0.6283	0.6413						
2535	C₇H₈ (1)		toluene						108-88-3
	C₈H₁₈ (2)		2,2,4-trimethyl-pentane						540-84-1
$T/^\circ\text{C} = 25.0$									89M1
x_2	0.1138	0.2032	0.2796	0.3119	0.4044	0.4365	0.4983	0.6180	0.6934
$\eta /(\text{mPa}\cdot\text{s})$	0.519	0.498	0.485	0.477	0.470	0.467	0.464	0.459	0.458
x_2	0.7315	0.8036	0.8966	0.9292	0.9743				
$\eta /(\text{mPa}\cdot\text{s})$	0.461	0.463	0.467	0.470	0.474				
$T/^\circ\text{C} = 20.0$									75M2

x_1	0.0000	0.0128	0.0628	0.1233	0.2396	0.3523	0.4582	0.5619	0.6548
$\nu /(\text{mm}^2/\text{s})$	0.729	0.722	0.707	0.695	0.679	0.661	0.655	0.654	0.646
x_1	0.7180	0.8348	0.9149	0.9603	1.0000				
$\nu /(\text{mm}^2/\text{s})$	0.651	0.658	0.669	0.670	0.678				
$T/^\circ\text{C} = 25.0$									75M2
x_1	0.0000	0.0128	0.0628	0.1233	0.2396	0.3523	0.4582	0.5619	0.6548
$\nu /(\text{mm}^2/\text{s})$	0.687	0.686	0.677	0.663	0.650	0.638	0.626	0.618	0.613
x_1	0.7180	0.8348	0.9149	0.9603	1.0000				
$\nu /(\text{mm}^2/\text{s})$	0.616	0.621	0.630	0.630	0.641				
2536	C₇H₈ (1)		toluene						108-88-3
	C₈H₁₈O (2)		octan-1-ol						111-87-5
$T/^\circ\text{C} = 30.0$									90S3
x_1	0.0000	0.1406	0.2690	0.3868	0.4953	0.5955	0.6883	0.7745	0.8548
$\eta /(\text{mPa s})$	6.298	4.176	3.024	2.142	1.565	1.204	0.9856	0.8342	0.7145
x_1	0.9298	1.0000							
$\eta /(\text{mPa s})$	0.5855	0.5372							
$T/^\circ\text{C} = 40.0$									90S3
x_1	0.0000	0.1406	0.2690	0.3868	0.4953	0.5955	0.6883	0.7745	0.8548
$\eta /(\text{mPa s})$	4.577	3.165	2.265	1.735	1.343	1.021	0.8636	0.7195	0.6273
x_1	0.9298	1.0000							
$\eta /(\text{mPa s})$	0.5262	0.4851							
$T/^\circ\text{C} = 50.0$									90S3
x_1	0.0000	0.1406	0.2690	0.3868	0.4953	0.5955	0.6883	0.7745	0.8548
$\eta /(\text{mPa s})$	3.428	2.445	1.816	1.424	1.117	0.8744	0.7432	0.6381	0.5416
x_1	0.9298	1.0000							
$\eta /(\text{mPa s})$	0.4744	0.4272							
$T/^\circ\text{C} = 60.0$									90S3
x_1	0.0000	0.1406	0.2690	0.3868	0.4953	0.5955	0.6883	0.7745	0.8548
$\eta /(\text{mPa s})$	2.678	1.934	1.443	1.124	0.9024	0.7681	0.6157	0.4837	0.4507
x_1	0.9298	1.0000							
$\eta /(\text{mPa s})$	0.4348	0.3905							
$T/^\circ\text{C} = 30.0$									90S3
x_1	0.0000	0.1406	0.2690	0.3868	0.4953	0.5955	0.6883	0.7745	0.8548
$\nu /(\text{mm}^2/\text{s})$	7.644	5.048	3.638	2.567	1.867	1.430	1.166	0.9829	0.8386
x_1	0.9298	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.6847	0.6196							
$T/^\circ\text{C} = 40.0$									90S3
x_1	0.0000	0.1406	0.2690	0.3868	0.4953	0.5955	0.6883	0.7745	0.8548

$v/(mm^2/s)$	5.587	3.847	2.741	2.091	1.611	1.219	1.027	0.8524	0.7402
x_1	0.9298	1.0000							
$v/(mm^2/s)$	0.6187	0.5675							
$T/^\circ C = 50.0$									90S3
x_1	0.0000	0.1406	0.2690	0.3868	0.4953	0.5955	0.6883	0.7745	0.8548
$v/(mm^2/s)$	4.208	2.988	2.209	1.726	1.347	1.050	0.8889	0.7600	0.6426
x_1	0.9298	1.0000							
$v/(mm^2/s)$	0.5607	0.5028							
$T/^\circ C = 60.0$									90S3
x_1	0.0000	0.1406	0.2690	0.3868	0.4953	0.5955	0.6883	0.7745	0.8548
$v/(mm^2/s)$	3.305	2.376	1.765	1.369	1.094	0.9271	0.7402	0.5791	0.5375
x_1	0.9298	1.0000							
$v/(mm^2/s)$	0.5166	0.4608							
2537	C₇H₈ (1) C₉H₇N (2)		toluene quinoline						108-88-3 91-22-5
$T/K = 303.15$									94K2
x_2	0.0000	0.0913	0.1844	0.2793	0.3762	0.4748	0.5757	0.6785	0.7834
$\eta/(mPa\ s)$	0.523	0.604	0.710	0.822	0.965	1.153	1.374	1.664	2.012
x_2	0.8905	1.0000							
$\eta/(mPa\ s)$	2.432	3.008							
2538	C₇H₈ (1) C₉H₁₀O₂ (2)		toluene benzoic acid ethyl ester						108-88-3 93-89-0
$T/^\circ C = 25.0$									17K1
w_2	0.0000	0.2267	0.4726	0.7351	0.8190	0.8985	1.0000		
$\eta/(mPa\ s)$	0.5520	0.6845	0.9076	1.279	1.452	1.655	1.990		
2539	C₇H₈ (1) C₉H₁₂ (2)		toluene isopropylbenzene						108-88-3 98-82-8
$x_2 = 0.0000$									55M1
$T/^\circ C$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(mPa\ s)$	0.992	0.866	0.772	0.669	0.586	0.519	0.470	0.418	
$T/^\circ C$	60.0	70.0	80.0						
$\eta/(mPa\ s)$	0.382	0.347	0.319						
$x_2 = 0.1440$									55M1
$T/^\circ C$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(mPa\ s)$	1.082	0.909	0.806	0.694	0.612	0.544	0.485	0.437	

$T/^\circ\text{C}$	60.0	70.0	80.0						
$\eta/(\text{mPa s})$	0.400	0.369	0.334						
$x_2 = 0.3002$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.110	0.957	0.851	0.734	0.644	0.570	0.509	0.458	
$T/^\circ\text{C}$	60.0	70.0	80.0						
$\eta/(\text{mPa s})$	0.416	0.380	0.348						
$x_2 = 0.4747$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.192	1.022	0.896	0.776	0.676	0.597	0.533	0.477	
$T/^\circ\text{C}$	60.0	70.0	80.0						
$\eta/(\text{mPa s})$	0.434	0.396	0.372						
$x_2 = 0.7154$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.294	1.101	0.952	0.837	0.727	0.638	0.569	0.507	
$T/^\circ\text{C}$	60.0	70.0	80.0						
$\eta/(\text{mPa s})$	0.460	0.418	0.387						
$x_2 = 1.0000$									55M1
$T/^\circ\text{C}$	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	
$\eta/(\text{mPa s})$	1.404	1.210	1.031	0.900	0.787	0.690	0.612	0.546	
$T/^\circ\text{C}$	60.0	70.0	80.0						
$\eta/(\text{mPa s})$	0.493	0.447	0.407						

2540 **C₇H₈ (1)** **toluene** **108-88-3**
 C₉H₁₂ (2) **1,3,5-trimethyl-benzene** **108-67-8**

$w_1 = 0.00$									92A7
T/K	295.010	298.376	302.822	307.784	312.695	317.529	322.262	327.227	
$\eta/(\text{mPa s})$	0.6861	0.6595	0.6227	0.5879	0.5561	0.5269	0.5017	0.4766	
$w_1 = 0.40$									92A7
T/K	298.148	303.164	308.224	313.140	318.087	322.735			
$\eta/(\text{mPa s})$	0.5957	0.5616	0.5315	0.5050	0.4792	0.4583			
$w_1 = 0.70$									92A7
T/K	298.239	303.179	307.818	313.259	317.666	322.656			
$\eta/(\text{mPa s})$	0.5709	0.5394	0.5125	0.4837	0.4619	0.4389			

Tables are given in the original source 92A7 for pressures up to 50 MPa. 92A7

2541 **C₇H₈ (1)** **toluene** **108-88-3**
 C₁₀H₇Cl (2) **1-chloro-naphthalene** **90-13-1**

$T/\text{K} = 298.15$ 99A2

x_2	0.0000	0.0995	0.1995	0.3037	0.3973	0.4962	0.5970	0.6945	0.7972
$\eta /(\text{mPa s})$	0.506	0.596	0.711	0.838	0.979	1.160	1.357	1.614	1.941
x_2	0.8918	1.0000							
$\eta /(\text{mPa s})$	2.321	2.783							
$T/\text{K} = 303.15$									99A2
x_2	0.0000	0.0995	0.1995	0.3037	0.3973	0.4962	0.5970	0.6945	0.7972
$\eta /(\text{mPa s})$	0.479	0.561	0.665	0.788	0.910	1.074	1.249	1.484	1.764
x_2	0.8918	1.0000							
$\eta /(\text{mPa s})$	2.091	2.502							
$T/\text{K} = 308.15$									99A2
x_2	0.0000	0.0995	0.1995	0.3037	0.3973	0.4962	0.5970	0.6945	0.7972
$\eta /(\text{mPa s})$	0.453	0.529	0.626	0.727	0.849	0.995	1.153	1.361	1.616
x_2	0.8918	1.0000							
$\eta /(\text{mPa s})$	1.880	2.259							

(impurity of 1-chloronaphthalene is 9.94 mol% 2-chloronaphthalene)

2542	C₇H₈ (1)		toluene						108-88-3
	C₁₀H₁₂ (2)		1,2,3,4-tetrahydro-naphthalene						119-64-2
$x_2 = 0.2$									87B1
T/K	298.2	308.2	318.2	328.2	338.2	348.2	358.2	368.2	
$\eta /(\text{mPa s})$	0.7036	0.6177	0.5530	0.4909	0.4404	0.4004	0.3655	0.3383	
$x_2 = 0.4$									87B1
T/K	298.2	308.2	318.2	328.1	338.2	348.2	358.2	368.2	
$\eta /(\text{mPa s})$	0.9208	0.8034	0.7034	0.6280	0.5613	0.5062	0.4586	0.4201	
$x_2 = 0.5$									87B1
T/K	303.2	313.1	323.5	333.1	340.1	343.1	353.7	364.6	
$\eta /(\text{mPa s})$	0.9625	0.8373	0.7260	0.6558	0.6009	0.5875	0.5234	0.4685	
$x_2 = 0.6$									87B1
T/K	298.1	308.2	318.1	328.3	338.4	348.4	358.4	365.4	
$\eta /(\text{mPa s})$	1.133	0.9772	0.8532	0.7550	0.6723	0.6021	0.5420	0.5074	
$x_2 = 0.8$									87B1
T/K	298.0	313.1	328.3	343.2	355.3	367.2			
$\eta /(\text{mPa s})$	1.550	1.209	0.9702	0.8034	0.6980	0.6183			

2543	C₇H₈ (1)		toluene						108-88-3
	C₁₀H₂₂ (2)		decane						124-18-5
$T/\text{K} = 308.15$									91V1
x_1	0.0000	0.0495	0.0966	0.1964	0.2979	0.3929	0.4962	0.5965	0.6981

$v/(mm^2/s)$	1.0293	1.0009	0.9758	0.9189	0.8652	0.8182	0.7637	0.7188	0.6766
x_1	0.7988	0.8979	1.0000						
$v/(mm^2/s)$	0.6386	0.6055	0.5783						
$T/K = 313.15$									91V1
x_1	0.0000	0.0432	0.1008	0.2021	0.2993	0.3936	0.4947	0.5931	0.6959
$v/(mm^2/s)$	0.9652	0.9434	0.9127	0.8609	0.8150	0.7706	0.7258	0.6834	0.6434
x_1	0.8009	0.8962	1.0000						
$v/(mm^2/s)$	0.6065	0.5750	0.5508						
$T/K = 293.15$									90A5
x_1	0.0000	0.0579	0.1088	0.2078	0.3046	0.4047	0.4968	0.5992	0.6996
$v/(mm^2/s)$	1.2543	1.2189	1.1689	1.0955	1.0264	0.9618	0.9074	0.8488	0.7992
x_1	0.7994	0.9031	1.0000						
$v/(mm^2/s)$	0.7489	0.7072	0.6777						
$T/K = 298.15$									90A5
x_1	0.0000	0.0519	0.1005	0.2019	0.3037	0.4060	0.5113	0.6106	0.7050
$v/(mm^2/s)$	1.1722	1.1304	1.0976	1.0264	0.9614	0.9045	0.8430	0.7936	0.7496
x_1	0.8021	0.8957	1.0000						
$v/(mm^2/s)$	0.7072	0.6716	0.6413						
$T/K = 298.15$									90C1
x_1	0.0000	0.1596	0.3625	0.5161	0.6500	0.8451	1.0000		
$v/(mm^2/s)$	1.161	1.049	0.9200	0.8331	0.7660	0.6829	0.6345		

2544	C₇H₈ (1)	C₁₁H₁₀ (2)	toluene	1-methyl-naphthalene		108-88-3	90-12-0
$T/K = 298.15$							95E2
x_2	0.0000	0.1776	0.3932	0.7216	1.0000		
$\eta/(mPa \cdot s)$	0.551	0.731	1.036	1.646	2.948		
$T/K = 313.15$							95E2
x_2	0.0000	0.1776	0.3932	0.7216	1.0000		
$\eta/(mPa \cdot s)$	0.474	0.608	0.841	1.285	2.130		
$T/K = 333.15$							95E2
x_2	0.0000	0.1776	0.3932	0.7216	1.0000		
$\eta/(mPa \cdot s)$	0.390	0.491	0.657	0.967	1.488		
$T/K = 353.15$							95E2
x_2	0.0000	0.1776	0.3932	0.7216	1.0000		
$\eta/(mPa \cdot s)$	0.326	0.408	0.534	0.771	1.113		
$T/K = 363.15$							95E2
x_2	0.0000	0.1776	0.3932	0.7216	1.0000		

η /(mPa s) 0.301 0.372 0.487 0.690 0.976

Tables are given in Ref. 95E2 for pressures up to 100 MPa.

95E2

2545 **C₇H₈ (1)** **toluene** **108-88-3**
C₁₂H₂₆ (2) **dodecane** **112-40-3**

T /K = 308.15 91V1

x_1 0.0000 0.0527 0.0996 0.2049 0.2913 0.4021 0.4986 0.5944 0.6969
 ν /(mm²/s) 1.5556 1.4889 1.4313 1.3063 1.2098 1.0916 0.9949 0.9031 0.8094

x_1 0.7979 0.8981 1.0000
 ν /(mm²/s) 0.7243 0.6478 0.5783

T /K = 313.15 91V1

x_1 0.0000 0.0508 0.0924 0.2033 0.3003 0.4063 0.5104 0.5988 0.7015
 ν /(mm²/s) 1.4462 1.3892 1.3435 1.2239 1.1242 1.0207 0.9239 0.8489 0.7633

x_1 0.7999 0.8989 1.0000
 ν /(mm²/s) 0.6876 0.6151 0.5508

T /K = 293.15 90A5

x_1 0.0000 0.0645 0.1056 0.2082 0.3004 0.4037 0.5002 0.6005 0.7015
 ν /(mm²/s) 1.9743 1.8657 1.7937 1.6264 1.4802 1.3409 1.2021 1.0789 0.9629

x_1 0.8023 0.9009 1.0000
 ν /(mm²/s) 0.8532 0.7597 0.6777

T /K = 298.15 90A5

x_1 0.0000 0.0551 0.0887 0.1959 0.2789 0.3802 0.4701 0.5707 0.6854
 ν /(mm²/s) 1.8248 1.7356 1.6828 1.5219 1.4067 1.2730 1.1622 1.0429 0.9195

x_1 0.7808 0.8895 1.0000
 ν /(mm²/s) 0.8244 0.7261 0.6413

2546 **C₇H₈ (1)** **toluene** **108-88-3**
C₁₂H₂₇O₄P (2) **phosphoric acid tributyl ester** **126-73-8**

T /°C = 30.0 99S3

x_2 0.000 0.103 0.200 0.400 0.600 0.800 0.900 1.000
 η /(mPa s) 0.523 0.690 0.854 1.366 1.870 2.323 2.575 2.970

T /°C = 35.0 99S3

x_2 0.000 0.103 0.200 0.400 0.600 0.800 0.900 1.000
 η /(mPa s) 0.499 0.655 0.805 1.250 1.670 2.095 2.322 2.680

T /°C = 40.0 99S3

x_2 0.000 0.103 0.200 0.400 0.600 0.800 0.900 1.000
 η /(mPa s) 0.478 0.620 0.750 1.160 1.563 1.915 2.110 2.430

T /°C = 45.0 99S3

x_2	0.000	0.103	0.200	0.400	0.600	0.800	0.900	1.000	
η /(mPa s)	0.458	0.590	0.709	1.075	1.440	1.740	1.918	2.210	
$T/^\circ\text{C} = 30.0$									98S3
x_2	0.000	0.103	0.200	0.400	0.600	0.800	0.900	1.000	
η /(mPa s)	0.609	0.779	0.945	1.468	1.970	2.418	2.674	2.970	
$T/^\circ\text{C} = 35.0$									98S3
x_2	0.000	0.103	0.200	0.400	0.600	0.800	0.900	1.000	
η /(mPa s)	0.583	0.741	0.893	1.350	1.801	2.189	2.419	2.680	
$T/^\circ\text{C} = 40.0$									98S3
x_2	0.000	0.103	0.200	0.400	0.600	0.800	0.900	1.000	
η /(mPa s)	0.559	0.705	0.835	1.254	1.661	2.000	2.206	2.430	
$T/^\circ\text{C} = 45.0$									98S3
x_2	0.000	0.103	0.200	0.400	0.600	0.800	0.900	1.000	
η /(mPa s)	0.538	0.673	0.794	1.167	1.536	1.830	2.009	2.210	

2547	C₇H₈ (1)	C₁₄H₃₀ (2)	toluene	tetradecane						108-88-3
										629-59-4
$T/\text{K} = 308.15$									91V1	
x_1	0.0000	0.0513	0.0991	0.1977	0.2967	0.3868	0.4975	0.5973	0.6983	
ν /(mm ² /s)	2.2732	2.1604	2.0573	1.8496	1.6531	1.4842	1.2890	1.1241	0.9703	
x_1	0.7963	0.8989	1.0000							
ν /(mm ² /s)	0.8387	0.6967	0.5783							
$T/\text{K} = 313.15$									91V1	
x_1	0.0000	0.0503	0.0977	0.1865	0.2960	0.3892	0.4954	0.5902	0.6908	
ν /(mm ² /s)	2.0900	1.9874	1.8893	1.7329	1.5413	1.3798	1.2094	1.0651	0.9233	
x_1	0.8046	0.8977	1.0000							
ν /(mm ² /s)	0.7746	0.6628	0.5508							
$T/\text{K} = 293.15$									90A5	
x_1	0.0000	0.0661	0.1089	0.2072	0.3028	0.3994	0.5034	0.5820	0.7026	
ν /(mm ² /s)	3.0189	2.8050	2.6683	2.3681	2.0909	1.8389	1.5879	1.4090	1.1624	
x_1	0.8048	0.9018	1.0000							
ν /(mm ² /s)	0.9765	0.8177	0.6777							
$T/\text{K} = 298.15$									90A5	
x_1	0.0000	0.0469	0.1072	0.1969	0.2854	0.3858	0.4918	0.5944	0.6815	
ν /(mm ² /s)	2.7373	2.6039	2.4350	2.1863	1.9666	1.7245	1.4924	1.2805	1.1229	
x_1	0.7929	0.8947	1.0000							
ν /(mm ² /s)	0.9370	0.7807	0.6413							
$T/\text{K} = 298.15$									90C1	

x_1	0.0000	0.1671	0.3678	0.5104	0.6521	0.8468	1.0000
ν /(mm ² /s)	2.716	2.243	1.749	1.439	1.164	0.8416	0.6345

2548	C₇H₈ (1)	toluene	108-88-3
	C₁₆H₃₃Cl (2)	1-chloro-hexadecane	4860-03-1

$T/K = 298.15$ 95P2

x_2	0.0000	0.1044	0.2756	0.4686	0.6490	0.8197	1.0000
ν /(mm ² /s)	0.6345	0.9375	1.570	2.525	3.628	4.841	6.305

2549	C₇H₈ (1)	toluene	108-88-3
	C₁₆H₃₄ (2)	2,2,4,4,6,8,8-heptamethyl-nonane	4390-04-9

$T/K = 298.15$ 95E2

x_2	0.0000	0.1196	0.2896	0.5502	1.0000
η /(mPa s)	0.551	0.684	0.946	1.499	3.299

$T/K = 313.15$ 95E2

x_2	0.0000	0.1196	0.2896	0.5502	1.0000
η /(mPa s)	0.474	0.580	0.780	1.196	2.383

$T/K = 333.15$ 95E2

x_2	0.0000	0.1196	0.2896	0.5502	1.0000
η /(mPa s)	0.390	0.469	0.610	0.916	1.658

$T/K = 353.15$ 95E2

x_2	0.0000	0.1196	0.2896	0.5502	1.0000
η /(mPa s)	0.326	0.389	0.499	0.722	1.243

$T/K = 363.15$ 95E2

x_2	0.0000	0.1196	0.2896	0.5502	1.0000
η /(mPa s)	0.301	0.357	0.458	0.650	1.092

Tables are given in Ref. 95E2 for pressures up to 100 MPa. 95E2

2550	C₇H₈ (1)	toluene	108-88-3
	C₁₆H₃₄ (2)	hexadecane	544-76-3

$T/K = 308.15$ 91V1

x_1	0.0000	0.0363	0.0987	0.2144	0.3078	0.3992	0.5031	0.5963	0.7028
ν /(mm ² /s)	3.2199	3.0920	2.8747	2.4990	2.1988	1.9281	1.6401	1.4038	1.1529
x_1	0.7969	0.8978	1.0000						
ν /(mm ² /s)	0.9524	0.7543	0.5783						

$T/K = 313.15$ 91V1

x_1	0.0000	0.0533	0.0961	0.2119	0.2950	0.3956	0.4984	0.5995	0.6995
ν /(mm ² /s)	2.9292	2.7556	2.6168	2.3072	2.0638	1.7957	1.5361	1.1312	1.0903

x_1	0.7946	0.9000	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.9037	0.7117	0.5508

$T/\text{K} = 293.15$

90A5

x_1	0.0000	0.0444	0.0959	0.2033	0.2811	0.3889	0.4969	0.6004	0.6977
$\nu /(\text{mm}^2/\text{s})$	4.4614	4.2085	3.9156	3.3916	2.9897	2.5301	2.1052	1.7368	1.4248

x_1	0.7978	0.9004	1.0000
$\nu /(\text{mm}^2/\text{s})$	1.1435	0.8881	0.6777

$T/\text{K} = 298.15$

90A5

x_1	0.0000	0.0669	0.1309	0.1927	0.2708	0.4333	0.5026	0.5973	0.7017
$\nu /(\text{mm}^2/\text{s})$	3.9762	3.6575	3.3766	3.0863	2.7794	2.1678	1.9329	1.6303	1.3218

x_1	0.7984	0.8979	1.0000
$\nu /(\text{mm}^2/\text{s})$	1.0661	0.8436	0.6413

2551 **C₇H₈ (1)** **toluene** **108-88-3**
C₁₉H₄₀ (2) **2,4,10,14-tetramethyl-pentadecane** **1921-70-6**

$T/\text{K} = 298.15$

95E2

x_2	0.0000	0.1025	0.2551	0.5068	1.0000
$\eta /(\text{mPa s})$	0.551	0.782	1.263	2.255	6.781

$T/\text{K} = 313.15$

95E2

x_2	0.0000	0.1025	0.2551	0.5068	1.0000
$\eta /(\text{mPa s})$	0.474	0.643	0.974	1.658	4.422

$T/\text{K} = 333.15$

95E2

x_2	0.0000	0.1025	0.2551	0.5068	1.0000
$\eta /(\text{mPa s})$	0.390	0.516	0.755	1.202	2.896

$T/\text{K} = 353.15$

95E2

x_2	0.0000	0.1025	0.2551	0.5068	1.0000
$\eta /(\text{mPa s})$	0.326	0.428	0.599	0.924	1.981

$T/\text{K} = 363.15$

95E2

x_2	0.0000	0.1025	0.2551	1.0000
$\eta /(\text{mPa s})$	0.301	0.397	0.547	1.699

Tables are given in Ref. 95E2 for pressures up to 100 MPa.

95E2

2552 **C₇H₈O (1)** **2-methyl-phenol** **95-48-7**
C₇H₈O (2) **3-methyl-phenol** **108-39-4**

$T/^\circ\text{C} = 25.0$

21K1

x_2	0.0000	0.1197	0.2392	0.3629	0.4940	0.6046	0.6464	0.6939	0.8463
$\eta /(\text{mPa s})$	7.608	8.086	8.582	9.208	9.939	10.50	10.75	11.09	12.16

x_2	1.0000
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η /(mPa s) 13.42

2553 **C₇H₈O (1)** **2-methyl-phenol** **95-48-7**
 C₇H₈O (2) **4-methyl-phenol** **106-44-5**

 $T/^\circ\text{C} = 25.0$ 21K1 x_2 0.0000 0.1250 0.2427 0.3696 0.4744 0.5767 0.6475 0.7001 0.8453 η /(mPa s) 7.608 8.209 8.854 9.612 10.30 11.03 11.63 12.00 13.27 x_2 1.0000 η /(mPa s) 14.74

2554 **C₇H₈O (1)** **3-methyl-phenol** **108-39-4**
 C₇H₈O (2) **4-methyl-phenol** **106-44-5**

 $T/^\circ\text{C} = 25.0$ 21K1 x_2 0.0000 0.0885 0.1733 0.2827 0.2929 0.3267 0.3762 0.4479 0.5177 η /(mPa s) 13.42 13.46 13.52 13.60 13.61 13.69 13.73 13.85 13.93 x_2 0.5480 0.6997 0.7539 0.8612 1.0000 η /(mPa s) 14.00 14.25 14.32 14.50 14.74

2555 **C₇H₈O (1)** **3-methyl-phenol** **108-39-4**
 C₇H₉N (2) **2-methyl-aniline** **95-53-4**

 $T/^\circ\text{C} = 12.0$ 14K1 x_1 0.000 0.250 0.500 0.750 1.000 η/η_{water} 4.687 9.940 20.59 27.14 23.92 $T/^\circ\text{C} = 64.0$ 14K1 x_1 0.000 0.250 0.500 0.750 1.000 η/η_{water} 2.200 3.015 3.862 4.246 4.119

2556 **C₇H₈O (1)** **3-methyl-phenol** **108-39-4**
 C₇H₉N (2) **3-methyl-aniline** **108-44-1**

 $T/^\circ\text{C} = 25.0$ 09T1 x_1 0.000 0.330 0.496 0.662 0.751 1.000 η /(mPa s) 3.645 8.06 11.21 13.84 13.76 12.91

2557 **C₇H₈O (1)** **methoxybenzene** **100-66-3**
 C₇H₁₆O (2) **heptan-1-ol** **111-70-6**

 $T/\text{K} = 303.15$ 99W1 x_1 0.0000 0.1002 0.1999 0.3000 0.4003 0.5000 0.6000 0.7002 0.8002 η /(mPa s) 5.035 3.922 3.023 2.457 1.996 1.701 1.448 1.213 1.072

x_1	0.9001	1.0000							
$\eta /(\text{mPa s})$	0.969	0.908							
$T/\text{K} = 313.15$									99W1
x_1	0.0000	0.1002	0.1999	0.3000	0.4003	0.5000	0.6000	0.7002	0.8002
$\eta /(\text{mPa s})$	3.671	2.940	2.359	1.932	1.611	1.373	1.212	1.010	0.892
x_1	0.9001	1.0000							
$\eta /(\text{mPa s})$	0.824	0.786							
$T/\text{K} = 323.15$									99W1
x_1	0.0000	0.1002	0.1999	0.3000	0.4003	0.5000	0.6000	0.7002	0.8002
$\eta /(\text{mPa s})$	2.741	2.245	1.812	1.554	1.292	1.161	0.998	0.864	0.768
x_1	0.9001	1.0000							
$\eta /(\text{mPa s})$	0.714	0.691							
2558	C₇H₈O (1) C₈H₈O (2)		2-methyl-phenol 1-phenyl-ethanone						95-48-7 98-86-2
$T/\text{K} = 303.15$									94K8
x_2	0.0000	0.1100	0.2168	0.3155	0.4164	0.4556	0.5575	0.6919	0.7608
$\eta /(\text{mPa s})$	6.043	5.369	4.793	4.305	3.832	3.653	3.206	2.635	2.358
x_2	0.9488	1.0000							
$\eta /(\text{mPa s})$	1.668	1.509							
2559	C₇H₈O (1) C₈H₈O (2)		3-methyl-phenol 1-phenyl-ethanone						108-39-4 98-86-2
$T/\text{K} = 303.15$									94K8
x_2	0.0000	0.1390	0.1802	0.2700	0.4388	0.4644	0.5506	0.7407	0.8321
$\eta /(\text{mPa s})$	9.802	8.438	8.063	7.268	5.843	5.630	4.927	3.390	2.684
x_2	0.9266	1.0000							
$\eta /(\text{mPa s})$	2.000	1.509							
2560	C₇H₈O (1) C₈H₈O (2)		4-methyl-phenol 1-phenyl-ethanone						106-44-5 98-86-2
$T/\text{K} = 303.15$									94K8
x_2	0.0000	0.1137	0.1526	0.3364	0.4260	0.4932	0.5636	0.7580	0.8099
$\eta /(\text{mPa s})$	12.076	10.702	10.248	8.205	7.246	6.538	5.804	3.823	3.310
x_2	0.9433	1.0000							
$\eta /(\text{mPa s})$	2.026	1.509							
2561	C₇H₈O (1)		phenylmethanol						100-51-6

	C₈H₈O (2)		1-phenyl-ethanone					98-86-2	
$T/K = 303.15$	94K8								
x_2	0.0000	0.0742	0.2566	0.3107	0.4505	0.5280	0.5727	0.7494	0.8383
$\eta /(\text{mPa s})$	4.645	4.331	3.618	3.420	2.937	2.685	2.544	2.036	1.820
x_2	0.9234	1.0000							
$\eta /(\text{mPa s})$	1.638	1.509							
2562	C₇H₈O (1) C₈H₁₁N (2)		3-methyl-phenol N,N-dimethyl-aniline					108-39-4 121-69-7	
$T/^\circ\text{C} = 9.0$	14K1								
x_1	0.000	0.349	0.500	0.731	1.000				
$\eta /\eta_{\text{water}}$	1.28	3.49	6.26	11.16	30.0				
$T/^\circ\text{C} = 64.0$	14K1								
x_1	0.000	0.500	0.750	1.000					
$\eta /\eta_{\text{water}}$	1.3605	2.295	3.320	4.119					
$T/^\circ\text{C} = 77.0$	14K1								
x_1	0.000	0.250	0.7313	1.000					
$\eta /\eta_{\text{water}}$	1.33	1.95	3.49	3.76					
2563	C₇H₈O (1) C₈H₁₈O (2)		methoxybenzene octan-1-ol					100-66-3 111-87-5	
$T/K = 303.15$	99W1								
x_1	0.0000	0.1001	0.2000	0.3002	0.3998	0.5000	0.6002	0.7001	0.8002
$\eta /(\text{mPa s})$	6.256	4.860	3.795	3.074	2.432	1.966	1.576	1.217	1.108
x_1	0.9000	1.0000							
$\eta /(\text{mPa s})$	0.968	0.908							
$T/K = 313.15$	99W1								
x_1	0.0000	0.1001	0.2000	0.3002	0.3998	0.5000	0.6002	0.7001	0.8002
$\eta /(\text{mPa s})$	4.584	3.589	2.872	2.342	1.922	1.561	1.280	1.014	0.934
x_1	0.9000	1.0000							
$\eta /(\text{mPa s})$	0.831	0.786							
$T/K = 323.15$	99W1								
x_1	0.0000	0.1001	0.2000	0.3002	0.3998	0.5000	0.6002	0.7001	0.8002
$\eta /(\text{mPa s})$	3.361	2.702	2.163	1.863	1.547	1.288	1.054	0.843	0.789
x_1	0.9000	1.0000							
$\eta /(\text{mPa s})$	0.725	0.691							
2564	C₇H₈O (1)		3-methyl-phenol					108-39-4	

	C₉H₇N (2)		quinoline					91-22-5	
<i>T</i> /K = 298.15									84I2
<i>x</i> ₂	0.0000	0.0998	0.1980	0.3012	0.3984	0.4984	0.5985	0.6965	0.7980
<i>η</i> /(mPa s)	13.194	15.259	19.928	25.297	22.873	15.794	11.025	7.376	5.594
<i>x</i> ₂	0.8948	1.0000							
<i>η</i> /(mPa s)	4.358	3.475							
<i>T</i> /K = 303.15									84I2
<i>x</i> ₂	0.0000	0.0998	0.1980	0.3012	0.3984	0.4984	0.5985	0.6965	0.7980
<i>η</i> /(mPa s)	9.877	11.507	15.034	19.236	17.850	12.711	8.925	6.266	4.872
<i>x</i> ₂	0.8948	1.0000							
<i>η</i> /(mPa s)	3.761	3.092							
<i>T</i> /K = 308.15									84I2
<i>x</i> ₂	0.0000	0.0998	0.1980	0.3012	0.3984	0.4984	0.5985	0.6965	0.7980
<i>η</i> /(mPa s)	7.599	8.895	11.457	15.095	14.046	9.986	7.269	5.301	4.223
<i>x</i> ₂	0.8948	1.0000							
<i>η</i> /(mPa s)	3.291	2.777							
<i>T</i> /K = 313.15									84I2
<i>x</i> ₂	0.0000	0.0998	0.1980	0.3012	0.3984	0.4984	0.5985	0.6965	0.7980
<i>η</i> /(mPa s)	6.146	6.912	8.917	11.940	11.421	8.111	6.172	4.512	3.686
<i>x</i> ₂	0.8948	1.0000							
<i>η</i> /(mPa s)	2.959	2.489							
<i>T</i> /K = 318.15									84I2
<i>x</i> ₂	0.0000	0.0998	0.1980	0.3012	0.3984	0.4984	0.5985	0.6965	0.7980
<i>η</i> /(mPa s)	4.968	5.586	7.128	9.595	9.188	6.608	5.184	3.835	3.204
<i>x</i> ₂	0.8948	1.0000							
<i>η</i> /(mPa s)	2.620	2.242							
<i>T</i> /°C = 0.0									51T1
<i>x</i> ₂	0.000	0.112	0.218	0.297	0.482	0.700	0.890	1.000	
<i>η</i> /(mPa s)	90.15	134.8	180.8	201.5	120.8	26.18	11.34	7.520	
<i>T</i> /°C = 25.0									51T1
<i>x</i> ₂	0.000	0.112	0.297	0.482	0.700	0.890	1.000		
<i>η</i> /(mPa s)	13.27	17.78	23.91	18.85	8.100	4.520	3.520		
<i>T</i> /°C = 40.0									51T1
<i>x</i> ₂	0.000	0.112	0.297	0.482	0.700	0.890	1.000		
<i>η</i> /(mPa s)	6.200	8.050	10.37	8.840	4.920	3.150	2.680		
2565	C₇H₈O (1) C₉H₁₀O₂ (2)		3-methyl-phenol acetic acid benzyl ester					108-39-4 140-11-4	

$T/^\circ\text{C} = 30.0$									64K2
x_2	0.000	0.115	0.272	0.435	0.620	0.810	1.000		
$\eta/(\text{mPa s})$	6.1800	5.1137	3.9172	3.0600	2.3370	1.7646	1.3525		

2566	C₇H₈O (1)		methoxybenzene					100-66-3
	C₁₀H₇Cl (2)		1-chloro-naphthalene					90-13-1

$T/\text{K} = 298.15$									99A2
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x_2	0.0000	0.0985	0.1969	0.2977	0.3974	0.4997	0.5959	0.6962	0.7827
$\eta/(\text{mPa s})$	0.917	1.025	1.116	1.262	1.409	1.568	1.720	1.896	2.096

x_2	0.8985	1.0000							
$\eta/(\text{mPa s})$	2.425	2.783							

$T/\text{K} = 303.15$									99A2
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x_2	0.0000	0.0985	0.1969	0.2977	0.3974	0.4997	0.5959	0.6962	0.7827
$\eta/(\text{mPa s})$	0.848	0.946	1.045	1.159	1.291	1.430	1.566	1.724	1.891

x_2	0.8985	1.0000							
$\eta/(\text{mPa s})$	2.180	2.502							

$T/\text{K} = 308.15$									99A2
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x_2	0.0000	0.0985	0.1969	0.2977	0.3974	0.4997	0.5959	0.6962	0.7827
$\eta/(\text{mPa s})$	0.788	0.878	0.966	1.069	1.185	1.312	1.431	1.570	1.717

x_2	0.8985	1.0000							
$\eta/(\text{mPa s})$	1.973	2.259							

(impurity of 1-chloronaphthalene is 9.94 mol% 2-chloronaphthalene)

2567	C₇H₈O₂ (1)		2-methoxy-phenol					90-05-1
	C₇H₉N (2)		N-methyl-aniline					100-61-8

$T/^\circ\text{C} = 30.0$									29P1
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x_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
$\eta/(\text{mPa s})$	4.45	4.00	3.72	3.36	3.03	2.76	2.44	2.22	1.99

x_2	0.90	1.00							
$\eta/(\text{mPa s})$	1.72	1.55							

2568	C₇H₈O₂ (1)		2-methoxy-phenol					90-05-1
	C₇H₉N (2)		2-methyl-aniline					95-53-4

$T/^\circ\text{C} = 30.0$									29P1
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x_2	0.00	0.10	0.20	0.30	0.34	0.36	0.40	0.50	0.60
$\eta/(\text{mPa s})$	4.45	4.73	4.93	5.20	5.22	5.19	5.17	5.12	4.82

x_2	0.70	0.80	0.90	1.00					
$\eta/(\text{mPa s})$	4.38	4.00	3.48	3.10					

2569	C₇H₈O₂ (1) C₈H₁₁N (2)	2-methoxy-phenol N,N-dimethyl-aniline								90-05-1 121-69-7
<i>T</i> /°C = 30.0										
<i>x</i> ₂	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	
<i>η</i> /(mPa s)	4.45	3.71	3.21	2.84	2.46	2.16	1.89	1.65	1.46	
<i>x</i> ₂	0.90	1.00								
<i>η</i> /(mPa s)	1.31	1.17								
2570	C₇H₈O₂ (1) C₉H₇N (2)	2-methoxy-phenol quinoline								90-05-1 91-22-5
<i>T</i> /°C = 30.0										
<i>x</i> ₂	0.00	0.10	0.20	0.30	0.333	0.36	0.38	0.40	0.44	
<i>η</i> /(mPa s)	4.45	5.95	8.05	10.04	10.54	10.97	11.45	11.65	11.66	
<i>x</i> ₂	0.46	0.50	0.60	0.70	0.80	0.90	1.00			
<i>η</i> /(mPa s)	11.57	10.95	8.98	6.77	4.87	3.88	3.10			
2571	C₇H₉N (1) C₈H₁₀N₂O (2)	4-methyl-aniline N,N-dimethyl-4-nitroso-aniline								106-49-0 138-89-6
<i>T</i> /°C = 77.0										
<i>w</i> ₂	0.00	0.10	0.20	0.25	0.30	0.35	0.40	0.45	0.50	
<i>η</i> /(mPa s)	1.0471	1.1022	1.1711	1.2311	1.2898	1.3902	1.5300	1.6340	1.7578	
<i>w</i> ₂	0.60	0.65	0.70	0.80						
<i>η</i> /(mPa s)	2.0068	2.1450	2.3175	2.6156						
<i>T</i> /°C = 97.5										
<i>w</i> ₂	0.00	0.10	0.20	0.30	0.35	0.40	0.45	0.50	0.60	
<i>η</i> /(mPa s)	0.7764	0.8087	0.8623	0.9073	0.9402	0.9929	1.0240	1.0718	1.1682	
<i>w</i> ₂	0.65	0.70	0.80	0.90	1.00					
<i>η</i> /(mPa s)	1.2320	1.3281	1.5427	1.7754	2.0991					
2572	C₇H₁₂O (1) C₁₄H₃₀ (2)	4-methyl-cyclohexanone tetradecane								589-92-4 629-59-4
<i>T</i> /°C = 25.0										
<i>x</i> ₁	0.9512	0.9043	0.8471	0.7836	0.7189	0.6357	0.4565	0.3381	0.1764	
<i>v</i> /(mm ² /s)	1.8029	1.8329	1.8778	1.9298	1.9846	2.0656	2.2272	2.3386	2.5071	
2573	C₇H₁₂O (1) C₁₆H₃₄ (2)	4-methyl-cyclohexanone hexadecane								589-92-4 544-76-3

$T/^\circ\text{C} = 25.0$

67H1

x_1	0.9606	0.9094	0.8619	0.8035	0.7389	0.5768	0.4813	0.3313	0.2257
$\nu/(\text{mm}^2/\text{s})$	1.8362	1.9435	2.0442	2.1698	2.3053	2.6402	2.8313	3.1360	3.3585

2574 **C₇H₁₂O₂ (1)**
C₇H₁₆O (2)

acrylic acid butyl ester
heptan-1-ol

141-32-2
111-70-6

 $T/\text{K} = 298.15$

97S2

x_1	0.0000	0.0538	0.1451	0.1979	0.2976	0.3981	0.5964	0.6984	0.7966
$\eta/(\text{mPa s})$	5.770	4.656	3.548	3.084	2.394	2.166	1.350	1.120	0.981

x_1	0.8968	0.9498	1.0000						
$\eta/(\text{mPa s})$	0.869	0.824	0.7868						

 $T/\text{K} = 308.15$

97S2

x_1	0.0000	0.0538	0.1451	0.1979	0.2976	0.3981	0.5964	0.6984	0.7966
$\eta/(\text{mPa s})$	4.263	3.481	2.761	2.398	1.922	1.719	1.084	0.925	0.836

x_1	0.8968	0.9498	1.0000						
$\eta/(\text{mPa s})$	0.736	0.705	0.6843						

2575 **C₇H₁₂O₂ (1)**
C₈H₁₈O (2)

acrylic acid butyl ester
octan-1-ol

141-32-2
111-87-5

 $T/\text{K} = 298.15$

97S2

x_1	0.0000	0.0586	0.1688	0.2181	0.3218	0.4238	0.6226	0.7052	0.8125
$\eta/(\text{mPa s})$	7.363	5.944	4.170	3.544	2.729	2.165	1.403	1.232	0.998

x_1	0.9095	0.9529	1.0000						
$\eta/(\text{mPa s})$	0.900	0.850	0.7868						

 $T/\text{K} = 308.15$

97S2

x_1	0.0000	0.0586	0.1688	0.2181	0.3218	0.4238	0.6226	0.7052	0.8125
$\eta/(\text{mPa s})$	5.250	4.393	3.177	2.752	2.096	1.689	1.146	0.992	0.841

x_1	0.9095	0.9529	1.0000						
$\eta/(\text{mPa s})$	0.753	0.715	0.6843						

2576 **C₇H₁₂O₂ (1)**
C₁₀H₂₂O (2)

acrylic acid butyl ester
decan-1-ol

141-32-2
112-30-1

 $T/\text{K} = 298.15$

97S2

x_1	0.0000	0.0646	0.1907	0.2493	0.3612	0.4732	0.6650	0.7560	0.8402
$\eta/(\text{mPa s})$	11.790	9.073	5.873	4.998	3.536	2.535	1.653	1.303	1.070

x_1	0.9227	0.9615	1.0000						
$\eta/(\text{mPa s})$	0.905	0.843	0.7868						

 $T/\text{K} = 308.15$

97S2

x_1	0.0000	0.0646	0.1907	0.2493	0.3612	0.4732	0.6650	0.7560	0.8402
η /(mPa s)	8.1241	6.488	4.404	3.679	2.762	2.073	1.301	1.115	0.897
x_1	0.9227	0.9615	1.0000						
η /(mPa s)	0.781	0.723	0.6843						

2577 **C₇H₁₂O₂ (1)** **acrylic acid butyl ester** **141-32-2**
C₁₂H₂₆O (2) **dodecan-1-ol** **112-53-8**

$T/K = 298.15$ 97S2

x_1	0.0000	0.0750	0.2149	0.2782	0.3968	0.5042	0.7015	0.7849	0.8614
η /(mPa s)	16.1355	12.418	7.842	6.982	4.373	3.244	1.769	1.376	1.197

x_1	0.9327	0.9651	1.0000						
η /(mPa s)	0.983	0.858	0.7868						

$T/K = 308.15$ 97S2

x_1	0.0000	0.0750	0.2149	0.2782	0.3968	0.5042	0.7015	0.7849	0.8614
η /(mPa s)	11.3153	8.748	5.789	4.807	3.380	2.459	1.409	1.135	1.004

x_1	0.9327	0.9651	1.0000						
η /(mPa s)	0.860	0.732	0.6843						

2578 **C₇H₁₄ (1)** **methylcyclohexane** **108-87-2**
C₇H₁₆ (2) **heptane** **142-82-5**

$T/K = 303.15$ 97B2

x_1	0.000	0.125	0.25	0.375	0.50	0.625	0.75	0.875	1.00
η /(mPa s)	0.370	0.389	0.411	0.436	0.465	0.498	0.538	0.585	0.693

$T/K = 323.15$ 97B2

x_1	0.000	0.125	0.25	0.375	0.50	0.625	0.75	0.875	1.00
η /(mPa s)	0.303	0.317	0.335	0.354	0.375	0.400	0.430	0.466	0.501

$T/K = 343.15$ 97B2

x_1	0.000	0.125	0.25	0.375	0.50	0.625	0.75	0.875	1.00
η /(mPa s)	0.252	0.263	0.277	0.292	0.309	0.328	0.350	0.377	0.405

A table is given in the original source 97B2 for pressures up to 100 MPa. 97B2

$T/^\circ\text{C} = 20.0$ 75M2

x_1	0.0000	0.1327	0.2446	0.2629	0.3325	0.4450	0.5379	0.6214	0.7579
ν /(mm ² /s)	0.612	0.656	0.672	0.673	0.693	0.736	0.760	0.810	0.858

x_1	0.7572	0.9622	1.0000						
ν /(mm ² /s)	0.855	0.935	0.954						

$T/^\circ\text{C} = 25.0$ 75M2

x_1	0.0000	0.1327	0.2446	0.2629	0.3325	0.4450	0.5379	0.6214	0.7579
ν /(mm ² /s)	0.594	0.615	0.651	0.649	0.662	0.697	0.724	0.746	0.803

x_1	0.7572	0.9622	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.806	0.881	0.893

2579	C₇H₁₄ (1) C₁₀H₂₂ (2)	methylcyclohexane decane	108-87-2 124-18-5
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$T/\text{K} = 298.15$									90C1
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x_1	0.0000	0.1481	0.3317	0.4719	0.6377	0.8401	1.0000		
$\nu /(\text{mm}^2/\text{s})$	1.161	1.120	1.068	1.029	0.9850	0.9235	0.8807		

2580	C₇H₁₄ (1) C₁₁H₁₀ (2)	methylcyclohexane 1-methyl-naphthalene	108-87-2 90-12-0
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$T/\text{K} = 303.15$									97B2
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x_1	0.000	0.125	0.25	0.375	0.50	0.625	0.75	0.875	1.00
$\eta /(\text{mPa s})$	2.620	2.060	1.670	1.370	1.130	0.972	0.829	0.715	0.639

$T/\text{K} = 323.15$									97B2
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x_1	0.000	0.125	0.25	0.375	0.50	0.625	0.75	0.875	1.00
$\eta /(\text{mPa s})$	1.750	1.440	1.200	1.010	0.853	0.733	0.640	0.559	0.501

$T/\text{K} = 343.15$									97B2
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x_1	0.000	0.125	0.25	0.375	0.50	0.625	0.75	0.875	1.00
$\eta /(\text{mPa s})$	1.270	1.080	0.929	0.791	0.673	0.584	0.513	0.450	0.405

A table is given in the original source 97B2 for pressures up to 100 MPa. 97B2

2581	C₇H₁₄ (1) C₁₆H₃₃Cl (2)	methylcyclohexane 1-chloro-hexadecane	108-87-2 4860-03-1
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$T/\text{K} = 298.15$									95P2
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x_2	0.0000	0.1173	0.3139	0.5170	0.6675	0.8789	1.0000		
$\nu /(\text{mm}^2/\text{s})$	0.8807	1.294	2.131	3.214	4.109	5.485	6.305		

2582	C₇H₁₄ (1) C₁₆H₃₄ (2)	methylcyclohexane hexadecane	108-87-2 544-76-3
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$T/\text{K} = 298.15$									90C1
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x_1	0.0000	0.1260	0.3520	0.4985	0.6375	0.8494	1.0000		
$\nu /(\text{mm}^2/\text{s})$	3.958	3.525	2.776	2.290	1.875	1.269	0.8807		

2583	C₇H₁₄O (1) C₇H₁₆ (2)	heptan-2-one heptane	110-43-0 142-82-5
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$T/^\circ\text{C} = 25.0$									78D1
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x_1	0.0000	0.2186	0.2814	0.3287	0.3949	0.4493	0.4947	0.5503	0.6200
$\nu /(\text{mm}^2/\text{s})$	0.579	0.616	0.631	0.643	0.662	0.679	0.694	0.714	0.739
x_1	0.7100	0.8304	0.9073	1.0000					
$\nu /(\text{mm}^2/\text{s})$	0.775	0.829	0.866	0.916					

2584	$\text{C}_7\text{H}_{14}\text{O}$ (1)	<i>cis</i>-2-methyl-cyclohexanol		7443-70-1 7443-52-9					
	$\text{C}_7\text{H}_{14}\text{O}$ (2)	<i>trans</i>-2-methyl-cyclohexanol							

$T/^\circ\text{C} = 25.0$ 58H3

x_1	0.000	0.199	0.302	0.399	0.598	0.691	0.798	1.000	
$\eta /(\text{mPa s})$	37.35	29.88	27.10	24.51	20.97	19.75	18.87	17.98	

$T/^\circ\text{C} = 30.0$ 58H3

x_1	0.000	0.199	0.302	0.399	0.598	0.691	0.798	1.000	
$\eta /(\text{mPa s})$	25.29	20.72	19.03	17.37	15.25	14.51	13.97	13.53	

2585	$\text{C}_7\text{H}_{14}\text{O}_2$ (1)	acetic acid pentyl ester		628-63-7 142-82-5					
	C_7H_{16} (2)	heptane							

$T/^\circ\text{C} = 25.0$ 78D1

x_1	0.0000	0.1990	0.2447	0.2928	0.3319	0.3643	0.4038	0.4529	0.5156
$\nu /(\text{mm}^2/\text{s})$	0.574	0.612	0.624	0.637	0.649	0.660	0.673	0.691	0.716

x_1	0.5984	0.7130	0.7840	0.8820	1.0000				
$\nu /(\text{mm}^2/\text{s})$	0.751	0.806	0.846	0.900	0.981				

2586	$\text{C}_7\text{H}_{14}\text{O}_2$ (1)	hexanoic acid methyl ester		106-70-7 142-82-5					
	C_7H_{16} (2)	heptane							

$T/\text{K} = 298.15$ 96M1

x_1	0.0000	0.1126	0.2066	0.2908	0.3885	0.4907	0.5921	0.6856	0.7836
$\eta /(\text{mPa s})$	0.389	0.412	0.435	0.460	0.495	0.536	0.581	0.628	0.683

x_1	0.8832	1.0000							
$\eta /(\text{mPa s})$	0.747	0.833							

$T/\text{K} = 298.15$ 96M1

x_1	0.0000	0.1126	0.2066	0.2908	0.3885	0.4907	0.5921	0.6856	0.7836
$\nu /(\text{mm}^2/\text{s})$	0.572	0.587	0.605	0.625	0.655	0.690	0.729	0.770	0.818

x_1	0.8832	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.873	0.947							

$T/^\circ\text{C} = 25.0$ 78D1

x_1	0.0000	0.2230	0.2723	0.3235	0.3646	0.3983	0.4390	0.4889	0.5515
$\nu /(\text{mm}^2/\text{s})$	0.574	0.612	0.624	0.638	0.650	0.660	0.674	0.691	0.714

x_1	0.6325	0.6827	0.8110	0.8960	1.0000				
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$v/(mm^2/s)$ 0.747 0.769 0.831 0.877 0.942

2587 **C₇H₁₄O₂ (1)** **acetic acid pentyl ester** **628-63-7**
C₇H₁₆O (2) **heptan-1-ol** **111-70-6**

$T/K = 298.15$ 97E2

x_1 0.00000 0.06641 0.12201 0.19453 0.26994 0.33251 0.40022 0.46014

$\eta/(mPa \cdot s)$ 4.836 4.560 4.333 4.036 3.730 3.476 3.203 2.970

x_1 0.53345 0.59192 0.67234 0.75502 0.83212 0.88211 0.95542 1.00000

$\eta/(mPa \cdot s)$ 2.666 2.432 2.115 1.785 1.490 1.300 1.026 0.865

2588 **C₇H₁₄O₂ (1)** **acetic acid pentyl ester** **628-63-7**
C₈H₁₈O (2) **2-ethyl-hexan-1-ol** **104-76-7**

$T/K = 308.15$ 88S1

x_2 0.000 0.075 0.266 0.431 0.654 0.870 1.000

$\eta/(mPa \cdot s)$ 0.793 1.280 2.300 3.076 4.025 4.879 5.373

2589 **C₇H₁₄O₂ (1)** **acetic acid pentyl ester** **628-63-7**
C₈H₁₈O (2) **octan-1-ol** **111-87-5**

$T/K = 298.15$ 97E2

x_1 0.00000 0.04413 0.10245 0.14993 0.22107 0.29014 0.36634 0.42411

$\eta/(mPa \cdot s)$ 6.130 5.885 5.510 5.313 4.932 4.562 4.155 3.847

x_1 0.51221 0.60993 0.69872 0.76673 0.83864 0.90041 0.96412 1.00000

$\eta/(mPa \cdot s)$ 3.379 2.861 2.391 2.028 1.669 1.353 1.032 0.865

2590 **C₇H₁₄O₂ (1)** **hexanoic acid methyl ester** **106-70-7**
C₉H₂₀ (2) **nonane** **111-84-2**

$T/K = 298.15$ 96M1

x_1 0.0000 0.0982 0.1959 0.2981 0.3744 0.4883 0.5902 0.6983 0.7953

$\eta/(mPa \cdot s)$ 0.662 0.658 0.660 0.667 0.675 0.691 0.710 0.733 0.760

x_1 0.8924 1.0000

$\eta/(mPa \cdot s)$ 0.791 0.833

$T/K = 298.15$ 96M1

x_1 0.0000 0.0982 0.1959 0.2981 0.3744 0.4883 0.5902 0.6983 0.7953

$v/(mm^2/s)$ 0.927 0.906 0.892 0.884 0.881 0.881 0.886 0.894 0.907

x_1 0.8924 1.0000

$v/(mm^2/s)$ 0.923 0.947

2591	C₇H₁₄O₂ (1) C₉H₂₀O (2)		acetic acid pentyl ester 3,5,5-trimethyl-hexan-1-ol						628-63-7 3452-97-9
<i>T</i> /K = 308.15									88S1
<i>x</i> ₂	0.000	0.088	0.270	0.550	0.650	0.881	1.000		
<i>η</i> /(mPa s)	0.793	1.055	2.424	4.186	4.870	6.723	7.813		
2592	C₇H₁₅N (1) C₈H₁₀ (2)		N-methyl-cyclohexylamine 1,2-dimethyl-benzene						100-60-7 95-47-6
<i>T</i> /K = 303.15									92P5
<i>x</i> ₁	0.0000	0.1262	0.1857	0.2837	0.4593	0.5485	0.6790	0.7713	0.9268
<i>η</i> /(mPa s)	0.6924	0.8916	0.9698	1.0752	1.1812	1.2000	1.1956	1.1808	1.1873
<i>x</i> ₁	1.0000								
<i>η</i> /(mPa s)	1.2167								
2593	C₇H₁₅N (1) C₈H₁₀ (2)		N-methyl-cyclohexylamine 1,3-dimethyl-benzene						100-60-7 108-38-3
<i>T</i> /K = 303.15									92P5
<i>x</i> ₁	0.0000	0.1952	0.3924	0.4643	0.5380	0.5906	0.6323	0.7779	0.8901
<i>η</i> /(mPa s)	0.5462	0.8481	1.0083	1.0495	1.0889	1.1142	1.1332	1.1908	1.2180
<i>x</i> ₁	1.0000								
<i>η</i> /(mPa s)	1.2167								
2594	C₇H₁₅N (1) C₈H₁₀ (2)		N-methyl-cyclohexylamine 1,4-dimethyl-benzene						100-60-7 106-42-3
<i>T</i> /K = 303.15									92P5
<i>x</i> ₁	0.0000	0.1942	0.2508	0.3483	0.3849	0.6139	0.6262	0.8015	0.8469
<i>η</i> /(mPa s)	0.5673	0.7124	0.7542	0.8041	0.8453	0.9850	0.9920	1.0928	1.1203
<i>x</i> ₁	1.0000								
<i>η</i> /(mPa s)	1.2167								
2595	C₇H₁₆ (1) C₇H₁₆O (2)		heptane heptan-1-ol						142-82-5 111-70-6
<i>T</i> /K = 298.15									96S5
<i>x</i> ₂	0.0000	0.0508	0.1004	0.2012	0.3013	0.4001	0.4992	0.5981	
<i>η</i> /(mPa s)	0.3901	0.4239	0.4638	0.5765	0.7282	0.9460	1.2426	1.7025	
<i>x</i> ₂	0.6990	0.8500	0.9456	1.0000					
<i>η</i> /(mPa s)	2.2613	3.6162	4.7488	5.770					
<i>T</i> /K = 308.15									96S5

x_2	0.0000	0.0508	0.1004	0.2012	0.3013	0.4001	0.4992	0.5981	
η /(mPa s)	0.3520	0.3784	0.4111	0.5039	0.6241	0.7914	1.0228	1.3464	
x_2	0.6990	0.8500	0.9456	1.0000					
η /(mPa s)	1.8206	2.8060	3.6081	4.266					
$T/K = 303.15$									96S3
x_2	0.0000	0.0373	0.1040	0.1707	0.2845	0.4114	0.5113	0.6200	0.7301
η /(mPa s)	0.3764	0.4020	0.4690	0.5430	0.7030	0.9010	1.2100	1.6710	2.2360
x_2	0.8089	0.9029	0.9699	1.0000					
η /(mPa s)	2.8010	3.7416	4.5534	5.0100					
$T/K = 313.15$									96S3
x_2	0.0000	0.0373	0.1040	0.1707	0.2845	0.4114	0.5113	0.6200	0.7301
η /(mPa s)	0.3351	0.3519	0.4152	0.4918	0.6087	0.7971	0.9558	1.3180	1.6815
x_2	0.8089	0.9029	0.9699	1.0000					
η /(mPa s)	2.0821	2.7276	3.3220	3.6542					
2596	C₇H₁₆ (1) C₈H₈O (2)	heptane 1-phenyl-ethanone						142-82-5 98-86-2	
$T/K = 293.15$									85R1
x_2	0.000	0.082	0.196	0.315	0.537	0.570	0.690	0.838	0.945
v /(mm ² /s)	0.6053	0.6515	0.7167	0.7799	0.9262	0.9888	1.1300	1.3645	1.7590
x_2	1.000								
v /(mm ² /s)	1.7590								
$T/K = 313.15$									85R1
x_2	0.082	0.196	0.315	0.537	0.570	0.690	0.838	0.945	
v /(mm ² /s)	0.5162	0.5520	0.5977	0.7021	0.7427	0.8382	0.9915	1.1459	
$T/^\circ\text{C} = 25.0$									78D1
x_2	0.0000	0.1816	0.2220	0.2854	0.3330	0.3997	0.4758	0.5879	0.6664
v /(mm ² /s)	0.579	0.631	0.650	0.685	0.717	0.765	0.827	0.929	1.011
x_2	0.7690	0.8330	0.9090	1.0000					
v /(mm ² /s)	1.146	1.247	1.393	1.617					
2597	C₇H₁₆ (1) C₈H₈O₂ (2)	heptane benzoic acid methyl ester						142-82-5 93-58-3	
$T/K = 288.15$									93B1
x_2	0.0999	0.1960	0.3001	0.3974	0.5004	0.5987	0.6984	0.8033	0.9017
η /(mPa s)	0.480	0.528	0.607	0.690	0.814	0.950	1.149	1.434	1.777
$T/K = 298.15$									93B1
x_2	0.0999	0.1960	0.3001	0.3974	0.5004	0.5987	0.6984	0.8033	0.9017

η /(mPa s)	0.425	0.464	0.533	0.601	0.701	0.814	0.968	1.183	1.435
T /K = 308.15									93B1
x_2	0.0999	0.1960	0.3001	0.3974	0.5004	0.5987	0.6984	0.8033	0.9017
η /(mPa s)	0.382	0.418	0.472	0.535	0.616	0.708	0.839	1.008	1.197
T /K = 318.15									93B1
x_2	0.0999	0.1960	0.3001	0.3974	0.5004	0.5987	0.6984	0.8033	0.9017
η /(mPa s)	0.346	0.378	0.422	0.475	0.539	0.620	0.720	0.860	1.024
T /°C = 25.0									78D1
x_2	0.0000	0.1236	0.1747	0.2201	0.2529	0.2974	0.3460	0.3914	0.4581
ν /(mm ² /s)	0.579	0.601	0.622	0.641	0.656	0.680	0.710	0.743	0.793
x_2	0.5852	0.6791	0.8090	0.8940	1.0000				
ν /(mm ² /s)	0.918	1.038	1.259	1.447	1.690				
2598	C₇H₁₆ (1) C₈H₁₀ (2)		heptane ethylbenzene						142-82-5 100-41-4
T /K = 298.15									97A2
x_2	0.0000	0.1018	0.2020	0.2988	0.3984	0.4989	0.5997	0.6992	0.8006
η /(mPa s)	0.388	0.398	0.412	0.427	0.448	0.471	0.500	0.536	0.581
x_2	0.8979	1.0000							
η /(mPa s)	0.638	0.709							
T /K = 303.15									97A2
x_2	0.0000	0.1018	0.2020	0.2988	0.3984	0.4989	0.5997	0.6992	0.8006
η /(mPa s)	0.368	0.379	0.393	0.406	0.425	0.445	0.473	0.508	0.550
x_2	0.8979	1.0000							
η /(mPa s)	0.599	0.662							
T /K = 308.15									97A2
x_2	0.0000	0.1018	0.2020	0.2988	0.3984	0.4989	0.5997	0.6992	0.8006
η /(mPa s)	0.349	0.360	0.372	0.386	0.405	0.423	0.450	0.481	0.519
x_2	0.8979	1.0000							
η /(mPa s)	0.565	0.623							
T /K = 313.15									95C3
x_1	0.0000	0.1997	0.3976	0.6025	0.8005	1.0000			
ν /(mm ² /s)	0.620	0.567	0.534	0.512	0.500	0.495			
T /K = 333.15									95C3
x_1	0.0000	0.1997	0.3976	0.6025	0.8005	1.0000			
ν /(mm ² /s)	0.515	0.477	0.451	0.436	0.424	0.419			
2599	C₇H₁₆ (1) C₈H₁₄O₂ (2)		heptane 2-methyl-prop-2-enoic acid butyl ester						142-82-5 97-88-1

$T/K = 303.15$										96S1
x_2	0.0000	0.0394	0.1884	0.3823	0.4762	0.6795	0.7871	0.9512	1.0000	
$\eta /(\text{mPa s})$	0.3760	0.3804	0.4270	0.4838	0.5232	0.6266	0.6918	0.7969	0.8508	
2600	C₇H₁₆ (1)		heptane							142-82-5
	C₈H₁₈ (2)		octane							111-65-9
$T/K = 298.15$										95A7
x_1	0.0000	0.1073	0.2098	0.3128	0.4060	0.5089	0.6081	0.7052	0.8070	
$\eta /(\text{mPa s})$	0.5094	0.4942	0.4774	0.4614	0.4539	0.4431	0.4285	0.4201	0.4103	
x_1	0.9012	1.0000								
$\eta /(\text{mPa s})$	0.3958	0.3865								
$T/K = 293.15$										91C2
x_1	0.0000	0.0985	0.2056	0.3031	0.3953	0.4969	0.5974	0.6894	0.8011	
$\eta /(\text{mPa s})$	0.5409	0.5273	0.5129	0.5000	0.4877	0.4744	0.4615	0.4484	0.4352	
x_1	0.9016	1.0000								
$\eta /(\text{mPa s})$	0.4227	0.4107								
$T/^\circ\text{C} = 20.0$										55T1
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
$\eta /(\text{mPa s})$	0.408	0.433	0.458	0.484	0.511	0.539				
$T/^\circ\text{C} = 40.0$										55T1
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
$\eta /(\text{mPa s})$	0.332	0.350	0.368	0.387	0.407	0.429				
$T/^\circ\text{C} = 60.0$										55T1
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
$\eta /(\text{mPa s})$	0.276	0.290	0.304	0.318	0.333	0.348				
$T/K = 293.15$										91C2
x_1	0.0000	0.0985	0.2056	0.3031	0.3953	0.4969	0.5974	0.6894	0.8011	
$\nu /(\text{mm}^2/\text{s})$	0.7697	0.7519	0.7331	0.7164	0.7003	0.6831	0.6662	0.6492	0.6320	
x_1	0.9016	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.6158	0.6001								
$T/K = 298.15$										90C1
x_1	0.0000	0.0992	0.2287	0.2924	0.4001	0.5052	0.6082	0.6973	0.7898	
$\nu /(\text{mm}^2/\text{s})$	0.7251	0.7088	0.6878	0.6778	0.6594	0.6442	0.6283	0.6148	0.6009	
x_1	0.8954	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.5852	0.5702								
$T/^\circ\text{C} = 25.0$										78D1

x_2	0.0000	0.2251	0.2765	0.3262	0.3584	0.3976	0.4207	0.4465	0.4758
$\nu /(\text{mm}^2/\text{s})$	0.579	0.611	0.619	0.626	0.630	0.636	0.640	0.643	0.648
x_2	0.5092	0.5475	0.5922	0.6448	0.7076	0.7840	0.8789	1.0000	
$\nu /(\text{mm}^2/\text{s})$	0.653	0.658	0.665	0.673	0.683	0.694	0.709	0.728	

2601 **C₇H₁₆ (1)** **heptane** **142-82-5**
C₈H₁₈ (2) **2,2,4-trimethyl-pentane** **540-84-1**

$T/\text{K} = 298.15$ 85A2

x_2	0.00000	0.06556	0.18015	0.29427	0.37390	0.48831	0.58055	0.62537
$\eta /(\text{mPa s})$	0.3942	0.3997	0.4005	0.4113	0.4193	0.4269	0.4357	0.4399

x_2	0.72443	0.79903	0.86490	0.92171	0.96412	1.00000		
$\eta /(\text{mPa s})$	0.4491	0.4562	0.4610	0.4665	0.4743	0.4788		

$T/^\circ\text{C} = 20.0$ 65F4

x_2	0.0	0.2	0.5	0.8	1.0
$\eta /(\text{mPa s})$	0.408	0.423	0.446	0.473	0.498

$T/^\circ\text{C} = 60.0$ 65F4

x_2	0.0	0.2	0.5	0.8	1.0
$\eta /(\text{mPa s})$	0.276	0.284	0.298	0.313	0.327

$T/^\circ\text{C} = 20.0$ 55T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0
$\eta /(\text{mPa s})$	0.408	0.423	0.438	0.454	0.473	0.498

$T/^\circ\text{C} = 40.0$ 55T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0
$\eta /(\text{mPa s})$	0.332	0.343	0.354	0.366	0.380	0.398

$T/^\circ\text{C} = 60.0$ 55T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0
$\eta /(\text{mPa s})$	0.276	0.284	0.292	0.302	0.313	0.327

$T/^\circ\text{C} = 25.0$ 75M2

x_1	0.0000	0.1071	0.1926	0.2935	0.3298	0.4665	0.5076	0.5835	0.7780
$\nu /(\text{mm}^2/\text{s})$	0.687	0.677	0.668	0.658	0.654	0.640	0.635	0.628	0.606

x_1	0.8122	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.603	0.584

2602 **C₇H₁₆ (1)** **heptane** **142-82-5**
C₈H₁₈O (2) **octan-1-ol** **111-87-5**

$T/\text{K} = 298.15$ 96S5

x_2	0.0000	0.0448	0.0922	0.1826	0.2780	0.3705	0.4690	0.5664
$\eta /(\text{mPa s})$	0.3901	0.4411	0.4999	0.6375	0.8198	1.0723	1.4637	1.9021

x_2	0.6697	0.7784	0.8336	0.8844	0.9381	1.0000
η /(mPa s)	2.7022	3.8850	4.5447	5.1239	6.0244	7.363

 T /K = 308.15

96S5

x_2	0.0000	0.0448	0.0922	0.1826	0.2780	0.3705	0.4690	0.5664
η /(mPa s)	0.3520	0.3932	0.4375	0.5457	0.6942	0.8964	1.1492	1.5937

x_2	0.6697	0.7784	0.8336	0.8844	0.9381	1.0000
η /(mPa s)	2.2134	3.0206	3.4656	3.8848	4.3994	5.250

2603 **C₇H₁₆ (1)** **heptane** **142-82-5**
 C₉H₁₀O (2) **1-phenyl-propan-1-one** **93-55-0**

 T /°C = 25.0

78D1

x_2	0.0000	0.1817	0.2320	0.3118	0.3766	0.4302	0.5017	0.5642	0.6444
ν /(mm ² /s)	0.579	0.645	0.671	0.722	0.771	0.816	0.882	0.948	1.044

x_2	0.6938	0.7513	0.8192	0.9006	1.0000
ν /(mm ² /s)	1.110	1.196	1.316	1.489	1.756

2604 **C₇H₁₆ (1)** **heptane** **142-82-5**
 C₉H₁₀O₂ (2) **benzoic acid ethyl ester** **93-89-0**

 T /K = 288.15

93B1

x_2	0.0980	0.1952	0.2948	0.3941	0.4961	0.5985	0.6974	0.7984	0.8972
η /(mPa s)	0.490	0.547	0.625	0.733	0.868	1.041	1.250	1.532	1.904

 T /K = 298.15

93B1

x_2	0.0980	0.1952	0.2948	0.3941	0.4961	0.5985	0.6974	0.7984	0.8972
η /(mPa s)	0.428	0.484	0.550	0.638	0.747	0.882	1.047	1.263	1.539

 T /K = 308.15

93B1

x_2	0.0980	0.1952	0.2948	0.3941	0.4961	0.5985	0.6974	0.7984	0.8972
η /(mPa s)	0.387	0.433	0.492	0.564	0.655	0.767	0.912	1.082	1.286

 T /K = 318.15

93B1

x_2	0.0980	0.1952	0.2948	0.3941	0.4961	0.5985	0.6974	0.7984	0.8972
η /(mPa s)	0.351	0.393	0.440	0.498	0.571	0.662	0.771	0.913	1.080

 T /°C = 25.0

78D1

x_2	0.0000	0.1128	0.1450	0.1790	0.3229	0.3698	0.3712	0.4523	0.5793
ν /(mm ² /s)	0.579	0.616	0.628	0.644	0.733	0.769	0.770	0.843	0.985

x_2	0.6560	0.6738	0.7920	0.8050	0.8920	1.0000
ν /(mm ² /s)	1.088	1.118	1.323	1.353	1.547	1.855

2605 **C₇H₁₆ (1)** **heptane** **142-82-5**
 C₉H₁₈O₂ (2) **acetic acid heptyl ester** **112-06-1**

$T/^\circ\text{C} = 25.0$									78D1
x_2	0.0000	0.1476	0.1821	0.2451	0.2782	0.3394	0.3911	0.4614	0.5241
$\nu/(\text{mm}^2/\text{s})$	0.579	0.653	0.673	0.713	0.736	0.780	0.820	0.878	0.934
x_2	0.6066	0.6092	0.7199	0.7958	0.8863	1.0000			
$\nu/(\text{mm}^2/\text{s})$	1.014	1.017	1.136	1.228	1.346	1.515			

2606	C_7H_{16} (1)	heptane		142-82-5
	$\text{C}_9\text{H}_{18}\text{O}_2$ (2)	octanoic acid methyl ester		111-11-5

$T/\text{K} = 298.15$									96M1
x_2	0.0000	0.0765	0.0994	0.1151	0.1883	0.2045	0.2856	0.2977	0.3848
$\eta/(\text{mPa s})$	0.389	0.422	0.433	0.441	0.480	0.490	0.539	0.547	0.608
x_2	0.4153	0.4927	0.5093	0.5863	0.5945	0.6832	0.6928	0.7854	0.8030
$\eta/(\text{mPa s})$	0.631	0.693	0.707	0.776	0.784	0.874	0.884	0.989	1.010
x_2	0.8760	0.8870	0.9238	1.0000					
$\eta/(\text{mPa s})$	1.102	1.117	1.167	1.276					

$T/\text{K} = 298.15$									96M1
x_2	0.0000	0.0765	0.0994	0.1151	0.1883	0.2045	0.2856	0.2977	0.3848
$\nu/(\text{mm}^2/\text{s})$	0.572	0.606	0.617	0.625	0.665	0.675	0.726	0.734	0.797
x_2	0.4153	0.4927	0.5093	0.5863	0.5945	0.6832	0.6928	0.7854	0.8030
$\nu/(\text{mm}^2/\text{s})$	0.820	0.883	0.898	0.968	0.976	1.066	1.076	1.181	1.202
x_2	0.8760	0.8870	0.9238	1.0000					
$\nu/(\text{mm}^2/\text{s})$	1.293	1.308	1.357	1.463					

2607	C_7H_{16} (1)	heptane		142-82-5
	C_9H_{20} (2)	nonane		111-84-2

$T/\text{K} = 298.15$									95A7
x_1	0.0000	0.1102	0.2046	0.3052	0.4070	0.5092	0.6073	0.7071	0.8027
$\eta/(\text{mPa s})$	0.6600	0.6128	0.5921	0.5620	0.5372	0.5104	0.4838	0.4588	0.4312
x_1	0.8996	1.0000							
$\eta/(\text{mPa s})$	0.4081	0.3865							
$w_1 = 0.40$									92A5
T/K	293.746	303.185	313.128	322.994					
$\eta/(\text{mPa s})$	0.5585	0.4997	0.4479	0.4032					
$w_1 = 0.70$									92A5
T/K	293.965	303.411	312.673	323.138	333.254				
$\eta/(\text{mPa s})$	0.4802	0.4326	0.3916	0.3538	0.3201				

Tables are given in the original source 92A5 for pressures up to 70 MPa.

92A5

$T/K = 298.15$									90C1
x_1	0.0000	0.1048	0.2014	0.3013	0.4000	0.5008	0.5535	0.7011	0.7984
$v/(mm^2/s)$	0.9206	0.8790	0.8141	0.8039	0.7683	0.7322	0.7147	0.6645	0.6330
x_1	0.8990	1.0000							
$v/(mm^2/s)$	0.6012	0.5702							
2608	C₇H₁₆ (1)		heptane						142-82-5
	C₁₀H₁₂O (2)		1-phenyl-butan-1-one						495-40-9
$T/^\circ C = 25.0$									78D1
x_2	0.0000	0.1121	0.1502	0.2016	0.2612	0.3065	0.3420	0.3870	0.4241
$v/(mm^2/s)$	0.579	0.628	0.651	0.685	0.731	0.771	0.804	0.852	0.893
x_2	0.4691	0.5956	0.6880	0.8150	0.8980	1.0000			
$v/(mm^2/s)$	0.951	1.136	1.306	1.593	1.836	2.223			
2609	C₇H₁₆ (1)		heptane						142-82-5
	C₁₀H₁₂O₂ (2)		benzoic acid propyl ester						2315-68-6
$T/K = 288.15$									94B2
x_2	0.0990	0.1965	0.2952	0.3950	0.4959	0.5924	0.6991	0.7981	0.8973
$\eta/(mPa\ s)$	0.501	0.589	0.700	0.825	0.997	1.214	1.527	1.878	2.330
x_2	1.0000								
$\eta/(mPa\ s)$	2.960								
$T/K = 298.15$									94B2
x_2	0.0990	0.1965	0.2952	0.3950	0.4959	0.5924	0.6991	0.7981	0.8973
$\eta/(mPa\ s)$	0.444	0.516	0.603	0.707	0.842	1.017	1.254	1.526	1.853
x_2	1.0000								
$\eta/(mPa\ s)$	2.311								
$T/K = 308.15$									94B2
x_2	0.0990	0.1965	0.2952	0.3950	0.4959	0.5924	0.6991	0.7981	0.8973
$\eta/(mPa\ s)$	0.399	0.466	0.531	0.614	0.734	0.874	1.051	1.248	1.525
x_2	1.0000								
$\eta/(mPa\ s)$	1.867								
$T/K = 318.15$									94B2
x_2	0.0990	0.1965	0.2952	0.3950	0.4959	0.5924	0.6991	0.7981	0.8973
$\eta/(mPa\ s)$	0.358	0.408	0.472	0.550	0.638	0.754	0.897	1.064	1.266
x_2	1.0000								
$\eta/(mPa\ s)$	1.527								
$T/^\circ C = 25.0$									78D1
x_2	0.0000	0.1350	0.1896	0.2378	0.2724	0.3188	0.3842	0.4597	0.5721
$v/(mm^2/s)$	0.579	0.647	0.684	0.722	0.752	0.796	0.865	0.959	1.130

x_1	0.8933	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.6562	0.6001

$T/\text{K} = 298.15$

90C1

x_1	0.0000	0.1178	0.1784	0.3091	0.4135	0.4703	0.6041	0.6863	0.7595
$\nu /(\text{mm}^2/\text{s})$	1.161	1.080	1.036	0.9513	0.8862	0.8517	0.7745	0.7289	0.6898

x_1	0.8884	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.6242	0.5702

$T/^\circ\text{C} = 25.0$

78D1

x_2	0.0000	0.1854	0.2560	0.3142	0.3642	0.4330	0.4954	0.5789	0.6962
$\nu /(\text{mm}^2/\text{s})$	0.573	0.665	0.701	0.733	0.760	0.799	0.834	0.884	0.957

x_2	0.8730	1.0000
$\nu /(\text{mm}^2/\text{s})$	1.074	1.165

2612	C_7H_{16} (1)	heptane	142-82-5
	$\text{C}_{10}\text{H}_{22}\text{O}$ (2)	decan-1-ol	112-30-1

$T/\text{K} = 298.15$

96S5

x_2	0.0000	0.0386	0.0772	0.1584	0.2472	0.3368	0.4264	0.5326
$\eta /(\text{mPa s})$	0.3901	0.4346	0.4872	0.6420	0.8698	1.2246	1.6470	2.3378

x_2	0.6364	0.7498	0.8055	0.8688	0.9331	1.0000
$\eta /(\text{mPa s})$	3.2902	5.0801	5.9264	7.1456	8.7221	11.790

$T/\text{K} = 308.15$

96S5

x_2	0.0000	0.0386	0.0772	0.1584	0.2472	0.3368	0.4264	0.5326
$\eta /(\text{mPa s})$	0.3520	0.3825	0.4312	0.5562	0.7324	1.0344	1.3311	1.9030

x_2	0.6364	0.7498	0.8055	0.8688	0.9331	1.0000
$\eta /(\text{mPa s})$	2.6996	3.9296	4.8292	5.9384	6.7881	8.124

$T/\text{K} = 298.15$

91B2

x_2	0.0000	0.1049	0.1860	0.2545	0.3641	0.4174	0.5198	0.6066
$\eta /(\text{mPa s})$	0.404	0.571	0.749	0.940	1.357	1.623	2.297	3.084

x_2	0.7074	0.7806	0.8420	0.8975	0.9561	1.0000
$\eta /(\text{mPa s})$	4.334	5.558	6.856	8.291	10.138	11.798

$T/\text{K} = 298.15$

91B2

x_2	0.0000	0.1049	0.1860	0.2545	0.3641	0.4174	0.5198	0.6066
$\nu /(\text{mm}^2/\text{s})$	0.594	0.816	1.049	1.295	1.824	2.158	2.993	3.957

x_2	0.7074	0.7806	0.8420	0.8975	0.9561	1.0000
$\nu /(\text{mm}^2/\text{s})$	5.467	6.931	8.472	10.165	12.332	14.271

2613	C_7H_{16} (1)	heptane	142-82-5
	$\text{C}_{11}\text{H}_{10}$ (2)	1-methyl-naphthalene	90-12-0

$T/K = 303.15$										97B2
x_1	0.000	0.125	0.25	0.375	0.50	0.625	0.75	0.875	1.00	
$\eta/(mPa \cdot s)$	2.620	1.840	1.600	1.030	0.800	0.644	0.524	0.438	0.370	
$T/K = 323.15$										97B2
x_1	0.000	0.125	0.25	0.375	0.50	0.625	0.75	0.875	1.00	
$\eta/(mPa \cdot s)$	1.750	1.300	1.000	0.781	0.625	0.512	0.424	0.357	0.303	
$T/K = 343.15$										97B2
x_1	0.000	0.125	0.25	0.375	0.50	0.625	0.75	0.875	1.00	
$\eta/(mPa \cdot s)$	1.270	0.981	0.783	0.621	0.503	0.418	0.350	0.295	0.252	
A table is given in the original source 97B2 for pressures up to 100 MPa.										97B2

2614 **C₇H₁₆ (1)** **heptane** **142-82-5**
C₁₁H₁₄O (2) **1-phenyl-pentan-1-one** **1009-14-9**

$T/^\circ C = 25.0$										78D1
x_2	0.0000	0.1253	0.1769	0.2227	0.2559	0.3006	0.3643	0.4174	0.4622	
$v/(mm^2/s)$	0.579	0.657	0.700	0.743	0.777	0.828	0.909	0.984	1.054	
x_2	0.5889	0.6824	0.8112	0.8958	1.0000					
$v/(mm^2/s)$	1.292	1.513	1.902	2.226	2.743					

2615 **C₇H₁₆ (1)** **heptane** **142-82-5**
C₁₁H₁₄O₂ (2) **benzoic acid butyl ester** **136-60-7**

$T/K = 288.15$										94B2
x_2	0.0994	0.1959	0.2964	0.3986	0.4963	0.5965	0.6954	0.7986	0.8973	
$\eta/(mPa \cdot s)$	0.517	0.614	0.750	0.911	1.128	1.407	1.710	2.158	2.698	
x_2	1.0000									
$\eta/(mPa \cdot s)$	3.437									
$T/K = 298.15$										94B2
x_2	0.0994	0.1959	0.2964	0.3986	0.4963	0.5965	0.6954	0.7986	0.8973	
$\eta/(mPa \cdot s)$	0.457	0.536	0.645	0.777	0.950	1.162	1.411	1.731	2.122	
x_2	1.0000									
$\eta/(mPa \cdot s)$	2.647									
$T/K = 308.15$										94B2
x_2	0.0994	0.1959	0.2964	0.3986	0.4963	0.5965	0.6954	0.7986	0.8973	
$\eta/(mPa \cdot s)$	0.410	0.476	0.571	0.686	0.811	0.978	1.176	1.413	1.727	
x_2	1.0000									
$\eta/(mPa \cdot s)$	2.099									
$T/K = 318.15$										94B2
x_2	0.0994	0.1959	0.2964	0.3986	0.4963	0.5965	0.6954	0.7986	0.8973	

η /(mPa s)	0.368	0.426	0.501	0.598	0.697	0.835	0.991	1.192	1.426
x_2	1.0000								
η /(mPa s)	1.708								
T /°C = 25.0									78D1
x_2	0.0000	0.1490	0.1893	0.2189	0.2801	0.3335	0.3686	0.4119	0.5386
ν /(mm ² /s)	0.579	0.682	0.718	0.747	0.814	0.880	0.927	0.989	1.209
x_2	0.7780	0.8750	1.0000						
ν /(mm ² /s)	1.810	2.149	2.712						
2616	C₇H₁₆ (1)		heptane						142-82-5
	C₁₁H₂₂O₂ (2)		decanoic acid methyl ester						110-42-9
T /K = 298.15									96M1
x_2	0.0000	0.1008	0.1999	0.2890	0.3841	0.4927	0.5944	0.6834	0.7811
η /(mPa s)	0.389	0.466	0.554	0.646	0.759	0.907	1.068	1.224	1.417
x_2	0.8895	1.0000							
η /(mPa s)	1.659	1.941							
T /K = 298.15									96M1
x_2	0.0000	0.1008	0.1999	0.2890	0.3841	0.4927	0.5944	0.6834	0.7811
ν /(mm ² /s)	0.572	0.660	0.758	0.861	0.985	1.147	1.320	1.486	1.690
x_2	0.8895	1.0000							
ν /(mm ² /s)	1.943	2.235							
2617	C₇H₁₆ (1)		heptane						142-82-5
	C₁₁H₂₄ (2)		undecane						1120-21-4
T /K = 298.15									95A7
x_1	0.0000	0.1084	0.2093	0.3019	0.4051	0.5067	0.6076	0.7041	0.8052
η /(mPa s)	1.0841	0.9818	0.8983	0.8173	0.7452	0.6720	0.6072	0.5479	0.4894
x_1	0.8988	1.0000							
η /(mPa s)	0.4335	0.3865							
$w_1 = 0.40$									91A5
T /K	297.152	303.088	312.847	323.040	332.839				
η /(mPa s)	0.6901	0.6364	0.5630	0.5009	0.4506				
$w_1 = 0.70$									91A5
T /K	300.903	302.984	312.977	317.861	323.126	331.942			
η /(mPa s)	0.4997	0.4886	0.4369	0.4157	0.3928	0.3609			
Tables are given in the original source	91A5 for pressures up to 70 MPa.								91A5

2618	C₇H₁₆ (1)		heptane							142-82-5
	C₁₂H₁₆O (2)		1-phenyl-hexan-1-one							942-92-7
<i>T</i> /°C = 25.0										
<i>x</i> ₂	0.0000	0.1943	0.2656	0.3253	0.3761	0.4197	0.4748	0.5466	0.6439	
<i>v</i> /(mm ² /s)	0.579	0.756	0.848	0.937	1.021	1.101	1.214	1.383	1.658	
<i>x</i> ₂	0.7068	0.7834	0.8785	1.0000						
<i>v</i> /(mm ² /s)	1.863	2.156	2.600	3.356						
2619	C₇H₁₆ (1)		heptane							142-82-5
	C₁₂H₂₄O₂ (2)		acetic acid decyl ester							112-17-4
<i>T</i> /°C = 25.0										
<i>x</i> ₂	0.0000	0.1736	0.2226	0.2593	0.2825	0.3104	0.3264	0.3443	0.4406	
<i>v</i> /(mm ² /s)	0.579	0.801	0.878	0.938	0.977	1.026	1.055	1.088	1.282	
<i>x</i> ₂	0.5122	0.5575	0.6117	0.6770	0.7590	0.8630	1.0000			
<i>v</i> /(mm ² /s)	1.438	1.542	1.672	1.842	2.068	2.379	2.840			
2620	C₇H₁₆ (1)		heptane							142-82-5
	C₁₂H₂₆ (2)		dodecane							112-40-3
<i>T</i> /K = 298.15										
<i>x</i> ₁	0.0000	0.1076	0.2092	0.3109	0.4064	0.5062	0.6081	0.7046	0.8043	
<i>η</i> /(mPa s)	1.3791	1.2194	1.0858	0.9598	0.8662	0.7707	0.6772	0.5964	0.5157	
<i>x</i> ₁	0.9039	1.0000								
<i>η</i> /(mPa s)	0.4454	0.3865								
<i>T</i> /K = 293.15										
<i>x</i> ₁	0.0000	0.0999	0.1947	0.3022	0.4045	0.5028	0.5913	0.7015	0.8002	
<i>η</i> /(mPa s)	1.4797	1.3340	1.2058	1.0666	0.9479	0.8401	0.7499	0.6461	0.5611	
<i>x</i> ₁	0.8977	1.0000								
<i>η</i> /(mPa s)	0.4843	0.4107								
<i>x</i> ₂ = 0.50										
<i>T</i> /K	298.0	318.0	335.8							
<i>η</i> /(mPa s)	0.7873	0.6058	0.4859							
<i>T</i> /K = 293.15										
<i>x</i> ₁	0.0000	0.0999	0.1947	0.3022	0.4045	0.5028	0.5913	0.7015	0.8002	
<i>v</i> /(mm ² /s)	1.9743	1.7895	1.6267	1.4493	1.2977	1.1594	1.0432	0.9087	0.7980	
<i>x</i> ₁	0.8977	1.0000								
<i>v</i> /(mm ² /s)	0.6975	0.6001								
<i>T</i> /K = 298.15										
									90C1	

x_1	0.0000	0.2001	0.4997	0.7999	1.0000
$\nu /(\text{mm}^2/\text{s})$	1.804	1.485	1.079	0.7507	0.5702

2621 **C₇H₁₆ (1)** **heptane** **142-82-5**
 C₁₂H₂₆O (2) **dodecan-1-ol** **112-53-8**

$T/\text{K} = 298.15$ 96S5

x_2	0.0000	0.0343	0.0687	0.1389	0.2173	0.2965	0.3920	0.4898
$\eta /(\text{mPa s})$	0.3901	0.4411	0.5140	0.7038	0.9825	1.3719	2.0397	2.7465

x_2	0.5941	0.7213	0.7853	0.8475	0.9227	1.0000
$\eta /(\text{mPa s})$	4.0558	5.9583	7.4140	9.5058	11.731	16.136

$T/\text{K} = 308.15$ 96S5

x_2	0.0000	0.0343	0.0687	0.1389	0.2173	0.2965	0.3920	0.4898
$\eta /(\text{mPa s})$	0.3520	0.3932	0.4523	0.6054	0.8279	1.1257	1.6319	2.2239

x_2	0.5941	0.7213	0.7853	0.8475	0.9227	1.0000
$\eta /(\text{mPa s})$	3.1988	4.8576	5.8545	7.0727	8.8565	11.315

2622 **C₇H₁₆ (1)** **2,3-dimethyl-pentane** **565-59-3**
 C₁₄H₃₀ (2) **tetradecane** **629-59-4**

$T/\text{K} = 298.15$ 90C1

x_1	0.0000	0.2023	0.4104	0.5131	0.6140	0.8009	0.8108	1.0000
$\nu /(\text{mm}^2/\text{s})$	2.716	2.158	1.650	1.413	1.197	0.8549	0.8372	0.5513

2623 **C₇H₁₆ (1)** **heptane** **142-82-5**
 C₁₄H₃₀ (2) **tetradecane** **629-59-4**

$T/\text{K} = 293.15$ 91C2

x_1	0.0000	0.1063	0.2002	0.3048	0.4035	0.5017	0.5946	0.7053	0.8041
$\eta /(\text{mPa s})$	2.3037	2.0038	1.7655	1.5121	1.3060	1.1221	0.9495	0.7756	0.6379

x_1	0.9008	1.0000
$\eta /(\text{mPa s})$	0.5182	0.4107

$x_2 = 0.50$ 49T1

T/K	298.0	318.0	335.8
$\eta /(\text{mPa s})$	1.0314	0.7754	0.6149

$T/\text{K} = 293.15$ 91C2

x_1	0.0000	0.1063	0.2002	0.3048	0.4035	0.5017	0.5946	0.7053	0.8041
$\nu /(\text{mm}^2/\text{s})$	3.0189	2.6415	2.3413	2.0202	1.7586	1.5110	1.3026	1.0783	0.8993

x_1	0.9008	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.7425	0.6001

<i>T</i> /K = 298.15										90C1
x_1	0.0000	0.1998	0.4999	0.7995	1.0000					
$v/(mm^2/s)$	2.716	2.117	1.395	0.8491	0.5702					
2624	C₇H₁₆ (1) C₁₄H₃₀ (2)		2-methyl-hexane tetradecane							591-76-4 629-59-4
<i>T</i> /K = 298.15										90C1
x_1	0.0000	0.1699	0.2450	0.4244	0.6102	0.7925	0.8776	1.0000		
$v/(mm^2/s)$	2.716	2.195	1.988	1.533	1.140	0.8206	0.6926	0.5298		
2625	C₇H₁₆ (1) C₁₅H₂₄ (2)		heptane 1-phenyl-nonane							142-82-5 1081-77-2
<i>T</i> /°C = 40.0										91K1
x_1	0.000	0.097	0.265	0.405	0.523	0.671	0.754	0.860	1.000	
$\eta/(mPa\ s)$	2.094	1.820	1.398	1.111	0.918	0.691	0.590	0.471	0.340	
<i>T</i> /°C = 60.0										91K1
x_1	0.000	0.097	0.265	0.405	0.523	0.671	0.754	0.860	1.000	
$\eta/(mPa\ s)$	1.484	1.313	1.041	0.851	0.718	0.554	0.474	0.388	0.284	
<i>T</i> /°C = 80.0										91K1
x_1	0.000	0.097	0.265	0.405	0.523	0.671	0.754	0.860	1.000	
$\eta/(mPa\ s)$	1.123	1.004	0.815	0.675	0.575	0.452	0.390	0.322	0.237	
A table is given in the original source 91K1 for pressures up to 40 MPa.										91K1
2626	C₇H₁₆ (1) C₁₆H₃₄ (2)		2,2-dimethyl-pentane hexadecane							590-35-2 544-76-3
<i>T</i> /K = 298.15										90C1
x_1	0.0000	0.1783	0.3812	0.4792	0.5691	0.7998	1.0000			
$v/(mm^2/s)$	3.958	3.142	2.312	1.949	1.640	0.9790	0.5424			
<i>T</i> /K = 298.15										83A2
x_1	0.00	0.24	0.52	0.74	0.90	1.00				
$v/(mm^2/s)$	4.2	3.0	1.7	1.1	0.8	0.5				
2627	C₇H₁₆ (1) C₁₆H₃₄ (2)		2,3-dimethyl-pentane hexadecane							565-59-3 544-76-3
<i>T</i> /K = 298.15										83A2
x_1	0.00	0.24	0.41	0.64	0.84	1.00				
$v/(mm^2/s)$	4.2	2.9	2.3	1.5	0.9	0.6				

2628	C₇H₁₆ (1) C₁₆H₃₄ (2)	2,4-dimethyl-pentane hexadecane							108-08-7 544-76-3
<i>T</i> /K = 298.15									83A2
<i>x</i> ₁	0.00	0.24	0.41	0.64	0.85	1.00			
<i>v</i> /(mm ² /s)	4.2	2.9	2.2	1.3	0.8	0.5			
2629	C₇H₁₆ (1) C₁₆H₃₄ (2)	3,3-dimethyl-pentane hexadecane							562-49-2 544-76-3
<i>T</i> /K = 298.15									83A2
<i>x</i> ₁	0.00	0.24	0.51	0.72	0.89	1.00			
<i>v</i> /(mm ² /s)	4.2	3.0	1.9	1.3	0.8	0.6			
2630	C₇H₁₆ (1) C₁₆H₃₄ (2)	heptane hexadecane							142-82-5 544-76-3
<i>T</i> /K = 298.15									95A7
<i>x</i> ₁	0.0000	0.1067	0.1981	0.3001	0.4055	0.5077	0.6070	0.7086	0.8028
<i>η</i> /(mPa s)	3.0930	2.6179	2.2676	1.9219	1.6034	1.3075	1.0801	0.8554	0.6800
<i>x</i> ₁	0.9019	1.0000							
<i>η</i> /(mPa s)	0.5217	0.3865							
<i>T</i> /°C = 25.0									64B2
<i>x</i> ₂	0.0000	0.2110	0.4067	0.5795	0.7867	1.0000			
<i>η</i> /(mPa s)	0.3893	0.7064	1.1020	1.5520	2.2020	3.0306			
<i>T</i> /°C = 20.0									58B1
<i>x</i> ₂	0.000	0.097	0.195	0.492	0.785	1.000			
<i>η</i> /(mPa s)	0.4085	0.533	0.730	1.475	2.597	3.436			
<i>T</i> /°C = 30.0									58B1
<i>x</i> ₂	0.000	0.097	0.195	0.492	0.785	1.000			
<i>η</i> /(mPa s)	0.364	0.485	0.633	1.233	2.079	2.703			
<i>x</i> ₂ = 0.50									49T1
<i>T</i> /K	298.0	318.0	335.8						
<i>η</i> /(mPa s)	1.3766	1.0046	0.7765						
<i>T</i> /K = 298.15									90C1
<i>x</i> ₁	0.0000	0.2006	0.5002	0.7997	1.0000				
<i>v</i> /(mm ² /s)	3.958	2.976	1.796	0.9642	0.5702				
2631	C₇H₁₆O (1)	heptan-1-ol							111-70-6

	C₈H₁₀ (2)		ethylbenzene					100-41-4		
<i>T</i> /K = 303.15										
<i>x</i> ₂	0.0000	0.0596	0.1771	0.2310	0.4350	0.5370	0.6350	0.7300	0.8200	
<i>η</i> /(mPa s)	4.968	4.195	3.041	2.543	1.609	1.278	1.044	0.875	0.744	
<i>x</i> ₂	0.8650	0.9100	0.9541	1.0000						
<i>η</i> /(mPa s)	0.691	0.648	0.613	0.597						
2632										
	C₇H₁₆O (1)		heptan-1-ol					111-70-6		
	C₈H₁₆O₂ (2)		acetic acid hexyl ester					142-92-7		
<i>T</i> /K = 298.15										
<i>x</i> ₂	0.00000	0.07014	0.14321	0.20234	0.27153	0.33811	0.39605	0.46717		
<i>η</i> /(mPa s)	4.836	4.559	4.279	4.054	3.792	3.550	3.321	3.053		
<i>x</i> ₂	0.52453	0.59115	0.67102	0.74133	0.80466	0.88719	0.95012	1.00000		
<i>η</i> /(mPa s)	2.837	2.586	2.290	2.032	1.800	1.499	1.272	1.107		
2633										
	C₇H₁₆O (1)		heptan-1-ol					111-70-6		
	C₈H₁₈ (2)		octane					111-65-9		
<i>T</i> /K = 273.15										
<i>x</i> ₁	0.000	0.113	0.224	0.334	0.440	0.535	0.637	0.730	0.823	
<i>η</i> /(mPa s)	0.714	0.792	0.882	1.14	1.51	2.23	3.05	4.33	5.51	
<i>x</i> ₁	0.915	1.000								
<i>η</i> /(mPa s)	7.65	10.56								
<i>T</i> /K = 293.15										
<i>x</i> ₁	0.000	0.113	0.224	0.334	0.440	0.535	0.637	0.730	0.823	
<i>η</i> /(mPa s)	0.545	0.598	0.630	0.809	1.04	1.40	1.84	2.44	3.11	
<i>x</i> ₁	0.915	1.000								
<i>η</i> /(mPa s)	4.17	5.42								
<i>T</i> /K = 313.15										
<i>x</i> ₁	0.000	0.113	0.224	0.334	0.440	0.535	0.637	0.730	0.823	
<i>η</i> /(mPa s)	0.428	0.459	0.472	0.592	0.717	0.902	1.14	1.48	1.92	
<i>x</i> ₁	0.915	1.000								
<i>η</i> /(mPa s)	2.36	2.99								
<i>T</i> /K = 333.15										
<i>x</i> ₁	0.000	0.113	0.224	0.334	0.440	0.535	0.637	0.730	0.823	
<i>η</i> /(mPa s)	0.350	0.361	0.371	0.447	0.530	0.642	0.763	0.947	1.15	
<i>x</i> ₁	0.915	1.000								
<i>η</i> /(mPa s)	1.42	1.82								

<i>T</i> /K = 273.15									75S3
<i>x</i> ₁	0.000	0.113	0.224	0.334	0.440	0.535	0.637	0.730	0.823
η /(mPa s)	0.714	0.792	0.882	1.14	1.51	2.23	3.05	4.33	5.51
<i>x</i> ₁	0.915	1.000							
η /(mPa s)	7.65	10.56							
<i>T</i> /K = 293.15									75S3
<i>x</i> ₁	0.000	0.113	0.224	0.334	0.440	0.535	0.637	0.730	0.823
η /(mPa s)	0.545	0.598	0.630	0.809	1.04	1.40	1.84	2.44	3.11
<i>x</i> ₁	0.915	1.000							
η /(mPa s)	4.17	5.42							
<i>T</i> /K = 313.15									75S3
<i>x</i> ₁	0.000	0.113	0.224	0.334	0.440	0.535	0.637	0.730	0.823
η /(mPa s)	0.428	0.459	0.472	0.592	0.717	0.902	1.14	1.48	1.92
<i>x</i> ₁	0.915	1.000							
η /(mPa s)	2.36	2.99							
<i>T</i> /K = 333.15									75S3
<i>x</i> ₁	0.000	0.113	0.224	0.334	0.440	0.535	0.637	0.730	0.823
η /(mPa s)	0.350	0.361	0.371	0.447	0.530	0.642	0.763	0.947	1.15
<i>x</i> ₁	0.915	1.000							
η /(mPa s)	1.42	1.82							
2634	C₇H₁₆O (1)	C₈H₁₈O (2)	heptan-1-ol						111-70-6
			octan-1-ol						111-87-5
<i>T</i> /K = 293.15									99S2
<i>x</i> ₁	0.0000	0.1671	0.3071	0.4819	0.6319	0.6868	0.8784	1.0000	
η /(mPa s)	9.223	8.821	8.507	8.113	7.827	7.688	7.302	7.056	
<i>T</i> /K = 298.15									99S2
<i>x</i> ₁	0.0000	0.1671	0.3071	0.4819	0.6319	0.6868	0.8784	1.0000	
η /(mPa s)	7.633	7.374	7.128	6.847	6.588	6.471	6.161	5.942	
<i>T</i> /K = 308.15									98S1
<i>x</i> ₁	0.0000	0.1671	0.3071	0.4819	0.6319	0.6868	0.8784	1.0000	
η /(mPa s)	5.458	5.236	5.084	4.885	4.713	4.646	4.436	4.325	
<i>T</i> /K = 313.15									98S1
<i>x</i> ₁	0.0000	0.1671	0.3071	0.4819	0.6319	0.6868	0.8784	1.0000	
η /(mPa s)	4.646	4.475	4.342	4.166	4.049	3.983	3.808	3.721	
<i>T</i> /K = 293.15									99S2
<i>x</i> ₁	0.0000	0.1671	0.3071	0.4819	0.6319	0.6868	0.8784	1.0000	
ν /(mm ² /s)	11.176	10.695	10.320	9.847	9.506	9.338	8.877	8.581	

$T/K = 298.15$									99S2
x_1	0.0000	0.1671	0.3071	0.4819	0.6319	0.6868	0.8784	1.0000	
$\nu /(\text{mm}^2/\text{s})$	9.325	8.978	8.684	8.346	8.035	7.894	7.522	7.258	
$T/K = 308.15$									98S1
x_1	0.0000	0.1671	0.3071	0.4819	0.6319	0.6868	0.8784	1.0000	
$\nu /(\text{mm}^2/\text{s})$	6.699	6.430	6.246	6.005	5.798	5.717	5.462	5.329	
$T/K = 313.15$									98S1
x_1	0.0000	0.1671	0.3071	0.4819	0.6319	0.6868	0.8784	1.0000	
$\nu /(\text{mm}^2/\text{s})$	5.725	5.518	5.357	5.143	5.001	4.921	4.709	4.604	
2635	C₇H₁₆O (1) C₁₂H₂₇O₄P (2)	heptan-1-ol phosphoric acid tributyl ester						111-70-6 126-73-8	
$T/K = 303.15$									95D2
x_2	0.00	0.06	0.12	0.26	0.44	0.67	0.82	1.00	
$\eta /(\text{mPa s})$	9.53	4.35	3.92	3.80	3.56	3.30	3.33	2.82	
$T/K = 303.15$									93R3
x_2	0.00	0.06	0.12	0.26	0.44	0.67	0.82	1.00	
$\eta /(\text{mPa s})$	9.53	4.35	3.92	3.80	3.56	3.30	3.33	2.82	
2636	C₈H₈ (1) C₁₀H₇Cl (2)	vinylbenzene 1-chloro-naphthalene						100-42-5 90-13-1	
$T/K = 298.15$									98A5
x_1	0.0000	0.1076	0.2005	0.3010	0.4032	0.5003	0.6015	0.6840	0.7992
$\eta /(\text{mPa s})$	2.8060	2.3565	2.0704	1.7785	1.5495	1.3789	1.2161	1.1076	0.9675
x_1	0.9033	1.0000							
$\eta /(\text{mPa s})$	0.8331	0.7082							
$T/K = 303.15$									98A5
x_1	0.0000	0.1076	0.2005	0.3010	0.4032	0.5003	0.6015	0.6840	0.7992
$\eta /(\text{mPa s})$	2.4873	2.1030	1.8637	1.6172	1.4116	1.2586	1.1155	1.0129	0.9100
x_1	0.9033	1.0000							
$\eta /(\text{mPa s})$	0.8013	0.6627							
$T/K = 308.15$									98A5
x_1	0.0000	0.1076	0.2005	0.3010	0.4032	0.5003	0.6015	0.6840	0.7992
$\eta /(\text{mPa s})$	2.2138	1.8840	1.6769	1.4695	1.2834	1.1523	1.0360	0.9455	0.8446
x_1	0.9033	1.0000							
$\eta /(\text{mPa s})$	0.7413	0.6231							
2637	C₈H₈O (1)	1-phenyl-ethanone						98-86-2	

	C₈H₁₁N (2)		N,N-dimethyl-aniline				121-69-7			
$T/^\circ\text{C} = 20.0$										61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa s})$	1.415	1.497	1.580	1.663	1.746	1.830				
$T/^\circ\text{C} = 40.0$										61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa s})$	1.021	1.066	1.144	1.161	1.207	1.253				
$T/^\circ\text{C} = 60.0$										61T3
x_1	0.00	0.20	0.40	0.60	0.80	1.00				
$\eta/(\text{mPa s})$	0.799	0.829	0.860	0.891	0.921	0.952				
2638	C₈H₈O (1) C₁₀H₁₄N₂ (2)		1-phenyl-ethanone (S)-(-)-nicotine				98-86-2 54-11-5			
$T/^\circ\text{C} = 25.0$										50B3
x_2	0.0000	0.1332	0.2426	0.3782	0.4934	0.6130	0.7431	0.8402	1.0000	
$\eta/(\text{mPa s})$	1.6379	1.8724	2.1978	2.5371	2.9466	3.2375	3.6271	3.7355	3.8942	
$T/^\circ\text{C} = 50.0$										50B3
x_2	0.0000	0.1332	0.2426	0.3782	0.4934	0.6130	0.7431	0.8402	1.0000	
$\eta/(\text{mPa s})$	1.0507	1.1618	1.2880	1.4526	1.5514	1.7426	1.9115	1.9624	2.0376	
$T/^\circ\text{C} = 75.0$										50B3
x_2	0.0000	0.1332	0.2426	0.3782	0.4934	0.6130	0.7431	0.8402	1.0000	
$\eta/(\text{mPa s})$	0.7380	0.7991	0.8674	0.9448	1.0075	1.0898	1.1972	1.2118	1.2626	
2639	C₈H₈O (1) C₁₀H₂₂ (2)		1-phenyl-ethanone decane				98-86-2 124-18-5			
$T/^\circ\text{C} = 25.0$										78D1
x_1	0.0000	0.2259	0.2787	0.3088	0.3228	0.3300	0.3380	0.3733	0.4169	
$\nu/(\text{mm}^2/\text{s})$	1.158	1.133	1.142	1.149	1.154	1.156	1.159	1.171	1.190	
x_1	0.4880	0.5885	0.7409	1.0000						
$\nu/(\text{mm}^2/\text{s})$	1.225	1.276	1.348	1.612						
2640	C₈H₈O₂ (1) C₉H₂₀ (2)		benzoic acid methyl ester nonane				93-58-3 111-84-2			
$T/\text{K} = 288.15$										91G2
x_1	0.00000	0.05240	0.12274	0.20597	0.31243	0.40219	0.48510	0.61031		
$\eta/(\text{mPa s})$	0.750	0.758	0.776	0.813	0.879	0.951	1.032	1.189		
x_1	0.68991	0.78496	0.87862	0.94965	1.00000					
$\eta/(\text{mPa s})$	1.319	1.518	1.778	2.032	2.250					

$T/K = 293.15$									91G2
x_1	0.00000	0.05251	0.12539	0.19613	0.22353	0.26403	0.32876	0.44798	
$\eta /(\text{mPa s})$	0.696	0.705	0.724	0.752	0.764	0.785	0.824	0.915	
x_1	0.57962	0.64799	0.71450	0.81091	0.90828	0.91721	0.94582	0.96351	1.0000
$\eta /(\text{mPa s})$	1.050	1.141	1.245	1.437	1.692	1.719	1.811	1.873	2.010
$T/K = 298.15$									91G2
x_1	0.00000	0.05357	0.13127	0.23680	0.26295	0.35693	0.44623	0.52641	
$\eta /(\text{mPa s})$	0.650	0.660	0.679	0.716	0.730	0.780	0.842	0.910	
x_1	0.58757	0.67381	0.76388	0.81920	0.87824	0.93302	1.00000		
$\eta /(\text{mPa s})$	0.927	1.078	1.219	1.325	1.457	1.601	1.809		
$T/K = 303.15$									91G2
x_1	0.00000	0.04786	0.13079	0.20747	0.30340	0.41012	0.49213	0.61150	
$\eta /(\text{mPa s})$	0.607	0.618	0.633	0.657	0.694	0.755	0.816	0.927	
x_1	0.66128	0.78921	0.87440	0.93678	1.00000				
$\eta /(\text{mPa s})$	0.983	1.156	1.307	1.448	1.630				
$T/K = 308.15$									91G2
x_1	0.00000	0.04992	0.09944	0.23111	0.30325	0.40435	0.48602	0.60669	
$\eta /(\text{mPa s})$	0.569	0.574	0.583	0.622	0.652	0.704	0.754	0.847	
x_1	0.68540	0.78282	0.88004	0.93067	1.00000				
$\eta /(\text{mPa s})$	0.924	1.044	1.203	1.306	1.476				
$T/K = 318.15$									91G2
x_1	0.00000	0.05308	0.17640	0.19051	0.33425	0.40315	0.49727	0.56734	
$\eta /(\text{mPa s})$	0.498	0.503	0.525	0.532	0.580	0.611	0.659	0.703	
x_1	0.64472	0.67808	0.74636	0.79491	0.85504	0.89180	0.93863	0.95067	1.0000
$\eta /(\text{mPa s})$	0.759	0.787	0.851	0.904	0.980	1.033	1.109	1.130	1.224
2641	C₈H₁₀ (1)		1,2-dimethyl-benzene						95-47-6
	C₈H₁₀ (2)		1,3-dimethyl-benzene						108-38-3
$T/K = 273.15$									90S2
x_2	0.0000	0.1001	0.2081	0.2907	0.4111	0.5029	0.6175	0.7339	0.8046
$\nu /(\text{mm}^2/\text{s})$	1.225	1.173	1.133	1.100	1.062	1.036	1.014	0.980	0.958
x_2	0.9040	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.931	0.916							
$T/K = 278.15$									90S2
x_2	0.0000	0.1001	0.2081	0.2907	0.4111	0.5029	0.6175	0.7339	0.8046
$\nu /(\text{mm}^2/\text{s})$	1.136	1.099	1.067	1.039	0.998	0.975	0.947	0.913	0.897
x_2	0.9040	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.874	0.857							
$T/K = 283.15$									90S2

x_2	0.0000	0.1001	0.2081	0.2907	0.4111	0.5029	0.6175	0.7339	0.8046
$v/(mm^2/s)$	1.054	1.024	0.992	0.964	0.936	0.914	0.889	0.863	0.845
x_2	0.9040	1.0000							
$v/(mm^2/s)$	0.824	0.809							
$T/K = 288.15$									90S2
x_2	0.0000	0.1001	0.2081	0.2907	0.4111	0.5029	0.6175	0.7339	0.8046
$v/(mm^2/s)$	0.980	0.956	0.929	0.903	0.876	0.858	0.835	0.813	0.796
x_2	0.9040	1.0000							
$v/(mm^2/s)$	0.782	0.760							
$T/K = 293.15$									90S2
x_2	0.0000	0.1001	0.2081	0.2907	0.4111	0.5029	0.6175	0.7339	0.8046
$v/(mm^2/s)$	0.920	0.896	0.874	0.854	0.828	0.810	0.787	0.765	0.753
x_2	0.9040	1.0000							
$v/(mm^2/s)$	0.737	0.719							
$T/K = 298.15$									90S2
x_2	0.0000	0.1001	0.2081	0.2907	0.4111	0.5029	0.6175	0.7339	0.8046
$v/(mm^2/s)$	0.865	0.843	0.820	0.804	0.782	0.767	0.745	0.726	0.716
x_2	0.9040	1.0000							
$v/(mm^2/s)$	0.698	0.686							
$T/K = 303.15$									90S2
x_2	0.0000	0.1001	0.2081	0.2907	0.4111	0.5029	0.6175	0.7339	0.8046
$v/(mm^2/s)$	0.814	0.799	0.778	0.760	0.740	0.725	0.705	0.690	0.679
x_2	0.9040	1.0000							
$v/(mm^2/s)$	0.666	0.650							
$T/^\circ C = 12.0$									14K1
x_2	0.000	0.273	0.731	1.000					
η/η_{water}	0.7671	0.7197	0.6640	0.6366					
$T/^\circ C = 64.0$									14K1
x_2	0.000	0.273	0.731	1.000					
η/η_{water}	0.9850	0.8845	0.9020	0.9518					
2642	C₈H₁₀ (1)		1,2-dimethyl-benzene						95-47-6
	C₈H₁₀ (2)		1,4-dimethyl-benzene						106-42-3
$T/K = 273.15$									90S2
x_2	0.0000	0.1022	0.1927	0.3017	0.3961	0.4960	0.6119	0.7034	
$v/(mm^2/s)$	1.225	1.192	1.160	1.125	1.097	1.073	1.046	1.026	
$T/K = 278.15$									90S2
x_2	0.0000	0.1022	0.1927	0.3017	0.3961	0.4960	0.6119	0.7034	0.7900
$v/(mm^2/s)$	1.136	1.105	1.076	1.047	1.025	0.995	0.969	0.949	0.934

x_2	0.9031								
$v/(mm^2/s)$	0.932								
$T/K = 283.15$									90S2
x_2	0.0000	0.1022	0.1927	0.3017	0.3961	0.4960	0.6119	0.7034	0.7900
$v/(mm^2/s)$	1.054	1.027	1.000	0.976	0.956	0.935	0.912	0.896	0.881
x_2	0.9031								
$v/(mm^2/s)$	0.863								
$T/K = 288.15$									90S2
x_2	0.0000	0.1022	0.1927	0.3017	0.3961	0.4960	0.6119	0.7034	0.7900
$v/(mm^2/s)$	0.980	0.958	0.933	0.912	0.892	0.875	0.857	0.842	0.826
x_2	0.9031	1.0000							
$v/(mm^2/s)$	0.810	0.798							
$T/K = 293.15$									90S2
x_2	0.0000	0.1022	0.1927	0.3017	0.3961	0.4960	0.6119	0.7034	0.7900
$v/(mm^2/s)$	0.920	0.899	0.882	0.859	0.840	0.825	0.810	0.795	0.780
x_2	0.9031	1.0000							
$v/(mm^2/s)$	0.767	0.752							
$T/K = 298.15$									90S2
x_2	0.0000	0.1022	0.1927	0.3017	0.3961	0.4960	0.6119	0.7034	0.7900
$v/(mm^2/s)$	0.865	0.845	0.826	0.807	0.793	0.777	0.761	0.749	0.738
x_2	0.9031	1.0000							
$v/(mm^2/s)$	0.723	0.713							
$T/K = 303.15$									90S2
x_2	0.0000	0.1022	0.1927	0.3017	0.3961	0.4960	0.6119	0.7034	0.7900
$v/(mm^2/s)$	0.814	0.799	0.781	0.766	0.751	0.738	0.722	0.710	0.699
x_2	0.9031	1.0000							
$v/(mm^2/s)$	0.687	0.676							
$T/K = 298.15$									90C1
x_1	0.0000	0.1708	0.3516	0.4902	0.6200	0.7827	1.0000		
$v/(mm^2/s)$	0.6975	0.7181	0.7427	0.7632	0.7838	0.8121	0.8542		
$T/^\circ C = 12.0$									14K1
x_2	0.000	0.185	0.681	1.000					
η/η_{water}	0.7671	0.7340	0.6800	0.6428					
$T/^\circ C = 64.0$									14K1
x_2	0.000	0.185	0.681	1.000					
η/η_{water}	0.9850	0.9622	0.9063	0.8777					
2643	C₈H₁₀ (1)		1,3-dimethyl-benzene						108-38-3
	C₈H₁₀ (2)		1,4-dimethyl-benzene						106-42-3

$T/K = 273.15$									90S2
x_2	0.0000	0.1059	0.2110	0.3111	0.4004	0.4942	0.6121	0.7004	
$\nu /(\text{mm}^2/\text{s})$	0.916	0.922	0.928	0.932	0.936	0.941	0.949	0.953	
$T/K = 278.15$									90S2
x_2	0.0000	0.1059	0.2110	0.3111	0.4004	0.4942	0.6121	0.7004	0.8132
$\nu /(\text{mm}^2/\text{s})$	0.857	0.863	0.869	0.871	0.875	0.877	0.886	0.890	0.893
$T/K = 283.15$									90S2
x_2	0.0000	0.1059	0.2110	0.3111	0.4004	0.4942	0.6121	0.7004	0.8132
$\nu /(\text{mm}^2/\text{s})$	0.809	0.812	0.815	0.818	0.822	0.825	0.830	0.834	0.839
x_2	0.9097								
$\nu /(\text{mm}^2/\text{s})$	0.842								
$T/K = 288.15$									90S2
x_2	0.0000	0.1059	0.2110	0.3111	0.4004	0.4942	0.6121	0.7004	0.8132
$\nu /(\text{mm}^2/\text{s})$	0.760	0.762	0.766	0.771	0.777	0.779	0.782	0.786	0.791
x_2	0.9097	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.793	0.798							
$T/K = 293.15$									90S2
x_2	0.0000	0.1059	0.2110	0.3111	0.4004	0.4942	0.6121	0.7004	0.8132
$\nu /(\text{mm}^2/\text{s})$	0.719	0.722	0.727	0.731	0.733	0.738	0.741	0.743	0.748
x_2	0.9097	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.751	0.752							
$T/K = 298.15$									90S2
x_2	0.0000	0.1059	0.2110	0.3111	0.4004	0.4942	0.6121	0.7004	0.8132
$\nu /(\text{mm}^2/\text{s})$	0.686	0.688	0.690	0.693	0.696	0.698	0.700	0.705	0.709
x_2	0.9097	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.710	0.713							
$T/K = 303.15$									90S2
x_2	0.0000	0.1059	0.2110	0.3111	0.4004	0.4942	0.6121	0.7004	0.8132
$\nu /(\text{mm}^2/\text{s})$	0.650	0.653	0.656	0.658	0.661	0.663	0.666	0.668	0.672
x_2	0.9097	1.0000							
$\nu /(\text{mm}^2/\text{s})$	0.674	0.676							
$T/^\circ\text{C} = 12.0$									14K1
x_2	0.000	0.246	0.708	1.000					
$\eta / \eta_{\text{water}}$	0.6366	0.6444	0.6450	0.6428					
$T/^\circ\text{C} = 64.0$									14K1
x_2	0.000	0.246	0.708	1.000					
$\eta / \eta_{\text{water}}$	0.8845	0.8740	0.8756	0.8777					

2644	C₈H₁₀ (1) C₈H₁₁N (2)	1,2-dimethyl-benzene N,N-dimethyl-aniline							95-47-6 121-69-7
$T/^\circ\text{C} = 12.0$									14K1
x_2	0.000	0.266	0.713	1.000					
η/η_{water}	0.6366	0.7620	1.0310	1.2705					
$T/^\circ\text{C} = 64.0$									14K1
x_2	0.000	0.266	0.713	1.000					
η/η_{water}	0.8845	0.9826	1.2150	1.3605					
2645	C₈H₁₀ (1) C₈H₁₆ (2)	1,2-dimethyl-benzene 1,2-dimethyl-cyclohexane (mixture of <i>cis</i> and <i>trans</i>)							95-47-6 583-57-3
$T/\text{K} = 298.15$									90C1
x_1	0.0000	0.1499	0.3427	0.5033	0.6361	0.8477	1.0000		
$\nu/(\text{mm}^2/\text{s})$	1.154	1.050	0.9603	0.9079	0.8775	0.8552	0.8542		
2646	C₈H₁₀ (1) C₈H₁₈ (2)	ethylbenzene octane							100-41-4 111-65-9
$T/\text{K} = 298.15$									97A2
x_1	0.0000	0.1009	0.1995	0.3310	0.3985	0.4971	0.5989	0.7005	0.8009
$\eta/(\text{mPa s})$	0.509	0.512	0.514	0.516	0.522	0.535	0.558	0.587	0.616
x_1	0.8988	1.0000							
$\eta/(\text{mPa s})$	0.657	0.709							
$T/\text{K} = 303.15$									97A2
x_1	0.0000	0.1009	0.1995	0.3310	0.3985	0.4971	0.5989	0.7005	0.8009
$\eta/(\text{mPa s})$	0.478	0.481	0.485	0.488	0.495	0.500	0.524	0.552	0.575
x_1	0.8988	1.0000							
$\eta/(\text{mPa s})$	0.617	0.662							
$T/\text{K} = 308.15$									97A2
x_1	0.0000	0.1009	0.1995	0.3310	0.3985	0.4971	0.5989	0.7005	0.8009
$\eta/(\text{mPa s})$	0.453	0.461	0.462	0.464	0.467	0.476	0.495	0.521	0.550
x_1	0.8988	1.0000							
$\eta/(\text{mPa s})$	0.581	0.623							
$T/\text{K} = 298.15$									88A5
x_1	0.0000	0.1040	0.2906	0.4250	0.5114	0.8198	0.9076	0.9678	1.0000
$\eta/(\text{mPa s})$	0.5119	0.5168	0.5230	0.5340	0.5422	0.5907	0.6114	0.6240	0.6303
$T/\text{K} = 308.15$									91V1
x_1	0.0000	0.0515	0.0971	0.1865	0.2969	0.3983	0.4900	0.5919	0.7016
$\nu/(\text{mm}^2/\text{s})$	0.6580	0.6519	0.6471	0.6384	0.6304	0.6252	0.6229	0.6219	0.6248

x_1	0.7980	0.8987	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.6308	0.6412	0.6565

$T/\text{K} = 313.15$

91V1

x_1	0.0000	0.0482	0.0976	0.1971	0.2949	0.3974	0.4902	0.5966	0.6955
$\nu /(\text{mm}^2/\text{s})$	0.6261	0.6215	0.6157	0.6071	0.6013	0.5959	0.5942	0.5942	0.5959

x_1	0.7967	0.8965	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.6012	0.6101	0.6242

$T/\text{K} = 293.15$

90A5

x_1	0.0000	0.0544	0.1028	0.2053	0.3052	0.4099	0.5113	0.6193	0.7113
$\nu /(\text{mm}^2/\text{s})$	0.7697	0.7623	0.7558	0.7454	0.7329	0.7273	0.7243	0.7246	0.7276

x_1	0.8071	0.9012	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.7367	0.7509	0.7701

$T/\text{K} = 298.15$

90A5

x_1	0.0000	0.0562	0.1008	0.1983	0.2917	0.3979	0.5898	0.7007	0.7972
$\nu /(\text{mm}^2/\text{s})$	0.7298	0.7221	0.7158	0.7042	0.6971	0.6899	0.6871	0.6909	0.6976

x_1	0.8964	1.0000
$\nu /(\text{mm}^2/\text{s})$	0.7091	0.7299

2647 **C₈H₁₀ (1)** **ethylbenzene** **100-41-4**
C₈H₁₈O (2) **octan-1-ol** **111-87-5**

$T/\text{K} = 303.15$

88D2

x_1	0.0000	0.1212	0.2325	0.3592	0.4862	0.5814	0.7003	0.7700	0.8495
$\eta /(\text{mPa s})$	6.361	4.480	3.225	2.345	1.689	1.341	1.032	0.882	0.750

x_1	0.9241	1.0000
$\eta /(\text{mPa s})$	0.653	0.597

2648 **C₈H₁₀ (1)** **1,2-dimethyl-benzene** **95-47-6**
C₉H₇N (2) **quinoline** **91-22-5**

$T/\text{K} = 303.15$

94K2

x_2	0.0000	0.1023	0.2041	0.3053	0.4061	0.5170	0.6060	0.7053	0.8040
$\eta /(\text{mPa s})$	0.702	0.796	0.918	1.061	1.230	1.433	1.683	1.982	2.244

x_2	0.9022	1.0000
$\eta /(\text{mPa s})$	2.650	3.008

2649 **C₈H₁₀ (1)** **1,4-dimethyl-benzene** **106-42-3**
C₉H₇N (2) **quinoline** **91-22-5**

$T/\text{K} = 303.15$

94K2

x_2	0.0000	0.0939	0.2077	0.3101	0.4115	0.5119	0.6114	0.7099	0.8075
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η /(mPa s)	0.565	0.657	0.792	0.916	1.093	1.348	1.651	1.981	2.320
x_2	0.9043	1.0000							
η /(mPa s)	2.665	3.008							
2650	C₈H₁₀ (1) C₉H₂₀ (2)		ethylbenzene nonane						100-41-4 111-84-2
$T/K = 298.15$									97A2
x_1	0.0000	0.0999	0.2002	0.2986	0.3964	0.4953	0.5967	0.6984	0.7933
η /(mPa s)	0.659	0.638	0.626	0.618	0.613	0.614	0.616	0.628	0.642
x_1	0.8971	1.0000							
η /(mPa s)	0.669	0.709							
$T/K = 303.15$									97A2
x_1	0.0000	0.0999	0.2002	0.2986	0.3964	0.4953	0.5967	0.6984	0.7933
η /(mPa s)	0.620	0.606	0.588	0.582	0.577	0.579	0.581	0.593	0.606
x_1	0.8971	1.0000							
η /(mPa s)	0.628	0.662							
$T/K = 308.15$									97A2
x_1	0.0000	0.0999	0.2002	0.2986	0.3964	0.4953	0.5967	0.6984	0.7933
η /(mPa s)	0.580	0.564	0.551	0.547	0.544	0.544	0.547	0.558	0.570
x_1	0.8971	1.0000							
η /(mPa s)	0.591	0.623							
2651	C₈H₁₀ (1) C₁₀H₇Cl (2)		1,4-dimethyl-benzene 1-chloro-naphthalene						106-42-3 90-13-1
$T/K = 298.15$									99A2
x_2	0.0000	0.0966	0.1961	0.2964	0.3991	0.4981	0.5970	0.7003	0.7974
η /(mPa s)	0.551	0.635	0.737	0.847	1.002	1.160	1.360	1.614	1.899
x_2	0.8991	1.0000							
η /(mPa s)	2.294	2.783							
$T/K = 303.15$									99A2
x_2	0.0000	0.0966	0.1961	0.2964	0.3991	0.4981	0.5970	0.7003	0.7974
η /(mPa s)	0.519	0.596	0.687	0.789	0.926	1.074	1.250	1.475	1.723
x_2	0.8991	1.0000							
η /(mPa s)	2.072	2.502							
$T/K = 308.15$									99A2
x_2	0.0000	0.0966	0.1961	0.2964	0.3991	0.4981	0.5970	0.7003	0.7974
η /(mPa s)	0.490	0.562	0.644	0.738	0.863	0.997	1.158	1.357	1.576
x_2	0.8991	1.0000							
η /(mPa s)	1.882	2.259							

(impurity of 1-chloronaphthalene is 9.94 mol% 2-chloronaphthalene)

2652 **C₈H₁₀ (1)** **1,2-dimethyl-benzene** **95-47-6**
 C₁₀H₂₂ (2) **decane** **124-18-5**

T/K = 298.15

90C1

<i>x</i> ₁	0.0000	0.1369	0.3715	0.5055	0.6262	0.8099	1.0000		
<i>v</i> /(mm ² /s)	1.161	1.103	1.013	0.9876	0.9312	0.8845	0.8542		

2653 **C₈H₁₀ (1)** **1,4-dimethyl-benzene** **106-42-3**
 C₁₀H₂₂ (2) **decane** **124-18-5**

T/K = 298.15

90C1

<i>x</i> ₁	0.0000	0.1529	0.3430	0.5078	0.6406	0.8435	1.0000		
<i>v</i> /(mm ² /s)	1.161	1.062	0.9494	0.8651	0.8076	0.7345	0.6975		

2654 **C₈H₁₀ (1)** **ethylbenzene** **100-41-4**
 C₁₀H₂₂ (2) **decane** **124-18-5**

T/K = 298.15

97A2

<i>x</i> ₁	0.0000	0.1007	0.2052	0.2991	0.4114	0.4959	0.6135	0.6992	0.8062
<i>η</i> /(mPa s)	0.844	0.803	0.773	0.750	0.724	0.706	0.688	0.680	0.677

<i>x</i> ₁	0.8984	1.0000							
<i>η</i> /(mPa s)	0.693	0.709							

T/K = 303.15

97A2

<i>x</i> ₁	0.0000	0.1007	0.2052	0.2991	0.4114	0.4959	0.6135	0.6992	0.8062
<i>η</i> /(mPa s)	0.786	0.749	0.722	0.702	0.678	0.663	0.646	0.638	0.633

<i>x</i> ₁	0.8984	1.0000							
<i>η</i> /(mPa s)	0.644	0.662							

T/K = 308.15

97A2

<i>x</i> ₁	0.0000	0.1007	0.2052	0.2991	0.4114	0.4959	0.6135	0.6992	0.8062
<i>η</i> /(mPa s)	0.733	0.700	0.678	0.658	0.638	0.624	0.607	0.602	0.600

<i>x</i> ₁	0.8984	1.0000							
<i>η</i> /(mPa s)	0.611	0.623							

T/K = 298.15

88A5

<i>x</i> ₁	0.0000	0.1385	0.2330	0.3346	0.4120	0.5135	0.5895	0.6326	0.8505
<i>η</i> /(mPa s)	0.8571	0.8073	0.7747	0.7443	0.7225	0.6984	0.6813	0.6744	0.6508

<i>x</i> ₁	1.0000								
<i>η</i> /(mPa s)	0.6303								

2655 **C₈H₁₀ (1)** **ethylbenzene** **100-41-4**

	C₁₀H₂₂O (2)		decan-1-ol					112-30-1	
<i>T</i> /K = 303.15									
<i>x</i> ₁	0.0000	0.0673	0.1500	0.2201	0.2770	0.3980	0.6085	0.6867	0.7767
η /(mPa s)	9.557	8.181	6.334	5.109	4.262	2.903	1.523	1.233	0.944
<i>x</i> ₁	0.8980	0.9553	1.0000						
η /(mPa s)	0.688	0.638	0.597						
2656									
	C₈H₁₀ (1)		ethylbenzene					100-41-4	
	C₁₂H₂₆ (2)		dodecane					112-40-3	
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.0973	0.2027	0.2991	0.4009	0.5183	0.5987	0.6990	0.8005
η /(mPa s)	1.330	1.243	1.143	1.062	0.990	0.909	0.866	0.882	0.774
<i>x</i> ₁	0.8996	1.0000							
η /(mPa s)	0.739	0.709							
<i>T</i> /K = 303.15									
<i>x</i> ₁	0.0000	0.0973	0.2027	0.2991	0.4009	0.5183	0.5987	0.6990	0.8005
η /(mPa s)	1.218	1.151	1.051	0.985	0.920	0.847	0.810	0.769	0.722
<i>x</i> ₁	0.8996	1.0000							
η /(mPa s)	0.688	0.662							
<i>T</i> /K = 308.15									
<i>x</i> ₁	0.0000	0.0973	0.2027	0.2991	0.4009	0.5183	0.5987	0.6990	0.8005
η /(mPa s)	1.122	1.059	0.980	0.915	0.854	0.791	0.760	0.724	0.691
<i>x</i> ₁	0.8996	1.0000							
η /(mPa s)	0.656	0.623							
<i>T</i> /K = 298.15									
<i>x</i> ₁	0.0000	0.0756	0.2077	0.3673	0.4411	0.5430	0.6316	0.7383	0.8538
η /(mPa s)	1.3877	1.2884	1.1584	1.0210	0.9629	0.8929	0.8303	0.7665	0.7032
<i>x</i> ₁	0.9459	1.0000							
η /(mPa s)	0.6552	0.6303							
2657									
	C₈H₁₀ (1)		1,2-dimethyl-benzene					95-47-6	
	C₁₂H₂₇O₄P (2)		phosphoric acid tributyl ester					126-73-8	
<i>T</i> /°C = 30.0									
<i>x</i> ₂	0.000	0.103	0.199	0.395	0.602	0.804	0.902	1.000	
η /(mPa s)	0.757	0.986	1.256	1.721	1.963	2.505	2.840	2.970	
<i>T</i> /°C = 35.0									
<i>x</i> ₂	0.000	0.103	0.199	0.395	0.602	0.804	0.902	1.000	
η /(mPa s)	0.725	0.937	1.213	1.618	1.812	2.263	2.561	2.680	

$T/^\circ\text{C} = 40.0$									98S3
x_2	0.000	0.103	0.199	0.395	0.602	0.804	0.902	1.000	
$\eta/(\text{mPa s})$	0.702	0.906	1.159	1.529	1.664	2.086	2.282	2.430	
$T/^\circ\text{C} = 45.0$									98S3
x_2	0.000	0.103	0.199	0.395	0.602	0.804	0.902	1.000	
$\eta/(\text{mPa s})$	0.682	0.875	1.102	1.448	1.559	1.904	2.081	2.210	
$T/\text{K} = 303.15$									97S3
x_2	0.000	0.103	0.199	0.395	0.602	0.804	0.902	1.000	
$\eta/(\text{mPa s})$	0.757	0.986	1.256	1.721	1.963	2.505	2.840	2.970	
$T/\text{K} = 308.15$									97S3
x_2	0.000	0.103	0.199	0.395	0.602	0.804	0.902	1.000	
$\eta/(\text{mPa s})$	0.725	0.937	1.213	1.618	1.812	2.263	2.561	2.680	
$T/\text{K} = 313.15$									97S3
x_2	0.000	0.103	0.199	0.395	0.602	0.804	0.902	1.000	
$\eta/(\text{mPa s})$	0.702	0.906	1.159	1.529	1.664	2.086	2.282	2.430	
$T/\text{K} = 318.15$									97S3
x_2	0.000	0.103	0.199	0.395	0.602	0.804	0.902	1.000	
$\eta/(\text{mPa s})$	0.682	0.875	1.102	1.448	1.559	1.904	2.081	2.210	
2658	C₈H₁₀ (1) C₁₄H₃₀ (2)	1,2-dimethyl-benzene tetradecane						95-47-6 629-59-4	
$T/\text{K} = 298.15$									90C1
x_1	0.0000	0.1605	0.4252	0.5041	0.6743	0.8327	1.0000		
$\nu/(\text{mm}^2/\text{s})$	2.716	2.363	1.826	1.676	1.368	1.106	0.8542		
2659	C₈H₁₀ (1) C₁₄H₃₀ (2)	1,4-dimethyl-benzene tetradecane						106-42-3 629-59-4	
$T/\text{K} = 298.15$									90C1
x_1	0.0000	0.1663	0.3495	0.5057	0.6536	0.8494	1.0000		
$\nu/(\text{mm}^2/\text{s})$	2.716	2.252	1.800	1.467	1.191	0.8883	0.6975		
2660	C₈H₁₀ (1) C₁₄H₃₀ (2)	ethylbenzene tetradecane						100-41-4 629-59-4	
$T/\text{K} = 298.15$									88A5
x_1	0.0000	0.0418	0.1648	0.3827	0.5861	0.6909	0.7087	0.7615	0.8423
$\eta/(\text{mPa s})$	2.0863	2.0060	1.7596	1.3865	1.0944	0.9589	0.9391	0.8778	0.7852
x_1	0.9043	0.9614	1.0000						
$\eta/(\text{mPa s})$	0.7254	0.6641	0.6303						

$T/K = 308.15$									91V1
x_1	0.0000	0.0529	0.1010	0.1997	0.2950	0.3929	0.4975	0.5814	0.6978
$\nu /(\text{mm}^2/\text{s})$	2.2732	2.1682	2.0534	1.8477	1.6667	1.4884	1.3163	1.1882	1.0225
x_1	0.8008	0.8974	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.8887	0.7695	0.6565						
$T/K = 313.15$									91V1
x_1	0.0000	0.0509	0.0923	0.1991	0.3032	0.4005	0.4961	0.5918	0.7004
$\nu /(\text{mm}^2/\text{s})$	2.0900	1.9865	1.9071	1.7104	1.5370	1.3808	1.2363	1.1061	0.9587
x_1	0.7975	0.8997	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.8417	0.7277	0.6242						
$T/K = 293.15$									90A5
x_1	0.0000	0.0521	0.1152	0.2101	0.2932	0.4042	0.4963	0.5976	0.6977
$\nu /(\text{mm}^2/\text{s})$	3.0189	2.8486	2.6375	2.3591	2.1257	1.8467	1.6376	1.4239	1.2344
x_1	0.7987	0.8999	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.0614	0.9068	0.7701						
$T/K = 298.15$									90A5
x_1	0.0000	0.0629	0.1057	0.2109	0.3033	0.3946	0.5007	0.6007	0.7002
$\nu /(\text{mm}^2/\text{s})$	2.7373	2.5554	2.4305	2.1575	1.9316	1.7277	1.5153	1.3254	1.1538
x_1	0.7976	0.8976	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.0014	0.8581	0.7299						
2661	C_8H_{10} (1)		1,4-dimethyl-benzene						106-42-3
	$\text{C}_{16}\text{H}_{33}\text{Cl}$ (2)		1-chloro-hexadecane						4860-03-1
$T/K = 298.15$									95P2
x_2	0.0000	0.0953	0.2714	0.4616	0.6971	0.8941	1.0000		
$\nu /(\text{mm}^2/\text{s})$	0.6975	0.9496	1.563	2.464	3.914	5.391	6.305		
2662	C_8H_{10} (1)		ethylbenzene						100-41-4
	$\text{C}_{16}\text{H}_{34}$ (2)		hexadecane						544-76-3
$T/K = 298.15$									88A5
x_1	0.0000	0.1049	0.2674	0.3716	0.4658	0.5337	0.6045	0.6709	0.8089
$\eta /(\text{mPa s})$	3.0858	2.6895	2.1827	1.8714	1.6276	1.4667	1.3029	1.1625	0.9172
x_1	0.9081	0.9460	1.0000						
$\eta /(\text{mPa s})$	0.7660	0.7072	0.6303						
$T/K = 308.15$									91V1
x_1	0.0000	0.0505	0.0912	0.1912	0.2997	0.4026	0.4995	0.5968	0.6994
$\nu /(\text{mm}^2/\text{s})$	3.2199	3.0354	2.8926	2.5562	2.2164	1.9241	1.6669	1.4361	1.2063

x_1	0.7991	0.8987	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.0069	0.8053	0.6565						
$T/\text{K} = 313.15$									91V1
x_1	0.0000	0.0502	0.0987	0.1983	0.3033	0.3935	0.4981	0.5986	0.6995
$\nu /(\text{mm}^2/\text{s})$	2.9292	2.7614	2.6053	2.3217	2.0145	1.8077	1.5558	1.3356	1.1322
x_1	0.8025	0.8986	1.0000						
$\nu /(\text{mm}^2/\text{s})$	0.9433	0.7807	0.6242						
$T/\text{K} = 293.15$									90A5
x_1	0.0000	0.0539	0.1029	0.1983	0.3022	0.4028	0.4927	0.5953	0.6978
$\nu /(\text{mm}^2/\text{s})$	4.4614	4.1464	3.8769	3.3965	2.8961	2.4811	2.1298	1.7969	1.5009
x_1	0.7992	0.9002	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.2139	0.9753	0.7701						
$T/\text{K} = 298.15$									90A5
x_1	0.0000	0.0629	0.1142	0.2058	0.3084	0.4053	0.5027	0.6099	0.6979
$\nu /(\text{mm}^2/\text{s})$	3.9762	3.6403	3.4305	3.0287	2.6157	2.2621	1.9396	1.6215	1.3839
x_1	0.8029	0.9008	1.0000						
$\nu /(\text{mm}^2/\text{s})$	1.1272	0.9157	0.7299						

2663	C₈H₁₀ (1)	1,4-dimethyl-benzene							106-42-3
	C₅₇H₁₀₄O₆ (2)	<i>cis</i>-octadec-9-enoic acid 1,2,3-propanetriyl ester							122-32-7
$T/^\circ\text{C} = 20.0$									95E3
x_2	0.0000	0.000755	0.004118	0.007318	0.015262	0.024689	0.035134	0.046780	0.0607
$\eta /(\text{mPa}\cdot\text{s})$	0.6433	0.6573	0.7209	0.7825	0.9594	1.1847	1.4214	1.7773	2.2411
$T/^\circ\text{C} = 25.0$									95E3
x_2	0.0000	0.000755	0.004118	0.007318	0.015262	0.024689	0.035134	0.046780	0.0607
$\eta /(\text{mPa}\cdot\text{s})$	0.6045	0.6175	0.6762	0.7329	0.8955	1.1012	1.3156	1.6368	2.0614
$T/^\circ\text{C} = 30.0$									95E3
x_2	0.0000	0.000755	0.004118	0.007318	0.015262	0.024689	0.035134	0.046780	0.0607
$\eta /(\text{mPa}\cdot\text{s})$	0.5694	0.5813	0.6359	0.6883	0.8379	1.0266	1.2224	1.5131	1.8854
$T/^\circ\text{C} = 35.0$									95E3
x_2	0.0000	0.000755	0.004118	0.007318	0.015262	0.024689	0.035134	0.046780	0.0607
$\eta /(\text{mPa}\cdot\text{s})$	0.5355	0.5465	0.5968	0.6454	0.7833	0.9558	1.1344	1.3987	1.7326
$T/^\circ\text{C} = 40.0$									95E3
x_2	0.0000	0.000755	0.004118	0.007318	0.015262	0.024689	0.035134	0.046780	0.0607
$\eta /(\text{mPa}\cdot\text{s})$	0.5064	0.5168	0.5636	0.6090	0.7368	0.8959	1.0601	1.3021	1.6046
2664	C₈H₁₀O (1)	ethoxybenzene							103-73-1
	C₁₂H₁₀O (2)	diphenyl ether							101-84-8

$T/^\circ\text{C} = 25.0$										20K1
x_1	0.0000	0.1367	0.2072	0.3253	0.3731	0.5105	0.6002	0.7037	0.8127	
$\eta/(\text{mPa s})$	3.864	3.264	3.003	2.630	2.455	2.096	1.862	1.632	1.451	
x_1	0.9006	1.0000								
$\eta/(\text{mPa s})$	1.309	1.158								
2665	C₈H₁₁N (1) C₉H₇N (2)		N-ethyl-aniline quinoline							103-69-5 91-22-5
$T/^\circ\text{C} = 0.0$										50K1
x_2	0.00	0.15	0.25	0.35	0.50	0.60	0.65	0.70	0.75	
$\eta/(\text{mPa s})$	4.138	5.342	6.139	7.011	8.415	9.053	9.150	9.155	9.091	
x_2	0.85	1.00								
$\eta/(\text{mPa s})$	8.455	7.290								
$T/^\circ\text{C} = 20.0$										50K1
x_2	0.00	0.15	0.25	0.35	0.50	0.60	0.65	0.70	0.75	
$\eta/(\text{mPa s})$	2.170	2.647	3.025	3.451	3.854	4.025	4.083	4.102	4.067	
x_2	0.85	1.00								
$\eta/(\text{mPa s})$	4.051	3.885								
$T/^\circ\text{C} = 70.0$										50K1
x_2	0.00	0.15	0.25	0.35	0.50	0.60	0.65	0.70	0.75	
$\eta/(\text{mPa s})$	0.793	0.852	0.906	0.956	1.147	1.219	1.285	1.298	1.329	
x_2	0.85	1.00								
$\eta/(\text{mPa s})$	1.315	1.293								
2666	C₈H₁₁N (1) C₉H₁₂ (2)		N,N-dimethyl-aniline isopropylbenzene							121-69-7 98-82-8
$T/^\circ\text{C} = 20.0$										56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
$\eta/(\text{mPa s})$	1.405	1.228	1.085	0.963	0.865	0.779				
$T/^\circ\text{C} = 40.0$										56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
$\eta/(\text{mPa s})$	1.032	0.915	0.817	0.733	0.666	0.607				
$T/^\circ\text{C} = 60.0$										56T2
x_2	0.0	0.2	0.4	0.6	0.8	1.0				
$\eta/(\text{mPa s})$	0.796	0.715	0.645	0.586	0.535	0.489				
2667	C₈H₁₃N (1) C₁₀H₁₄N₂ (2)		3-ethyl-2,4-dimethyl-1H-pyrrole (S)-(-)-nicotine							517-22-6 54-11-5

$T/^\circ\text{C} = 20.0$									38D1
x_1	0.00	0.10	0.29	0.333	0.50	0.70	1.00		
$\eta/(\text{mPa s})$	14.05	15.52	17.99	18.09	15.63	12.38	4.40		
2668	C₈H₁₆ (1) C₁₆H₃₄ (2)	<i>cis</i>-1,2-dimethyl-cyclohexane hexadecane						2207-01-4 544-76-3	
$T/\text{K} = 298.15$									90C1
x_1	0.0000	0.1434	0.3301	0.6221	0.9360	1.0000			
$\nu/(\text{mm}^2/\text{s})$	3.958	3.597	3.112	2.315	1.450	1.278			
2669	C₈H₁₆O₂ (1) C₈H₁₈O (2)	acetic acid hexyl ester octan-1-ol						142-92-7 111-87-5	
$T/\text{K} = 298.15$									97E2
x_1	0.00000	0.05902	0.11315	0.19242	0.25633	0.31146	0.39225	0.45673	
$\eta/(\text{mPa s})$	6.130	5.818	5.540	5.134	4.808	4.528	4.117	3.790	
x_1	0.52366	0.59024	0.66135	0.72103	0.80422	0.87331	0.95433	1.00000	
$\eta/(\text{mPa s})$	3.452	3.115	2.760	2.468	2.051	1.711	1.314	1.107	
2670	C₈H₁₇Cl (1) C₁₀H₂₂ (2)	1-chloro-octane decane						111-85-3 124-18-5	
$T/^\circ\text{C} = 25.0$									86A2
x_2	0.0000	0.1115	0.2067	0.3061	0.4041	0.5050	0.6124	0.7070	0.7970
$\eta/(\text{mPa s})$	1.131	1.067	1.026	0.9966	0.9690	0.9433	0.9242	0.8969	0.8862
x_2	0.8983	1.0000							
$\eta/(\text{mPa s})$	0.8740	0.8582							
2671	C₈H₁₇Cl (1) C₁₂H₂₆ (2)	1-chloro-octane dodecane						111-85-3 112-40-3	
$T/^\circ\text{C} = 25.0$									86A2
x_2	0.0000	0.1064	0.2068	0.3080	0.4061	0.5066	0.6038	0.6927	0.7984
$\eta/(\text{mPa s})$	1.131	1.143	1.151	1.177	1.185	1.218	1.232	1.262	1.288
x_2	0.8945	1.0000							
$\eta/(\text{mPa s})$	1.317	1.364							
2672	C₈H₁₇Cl (1) C₁₄H₂₉Cl (2)	1-chloro-octane 1-chloro-tetradecane						111-85-3 2425-54-9	
$T/^\circ\text{C} = 25.0$									71C1
x_2	0.0000	0.3092	0.4608	0.4966	0.5383	1.0000			

$\nu /(\text{mm}^2/\text{s})$	1.298	2.067	2.515	2.625	2.759	4.496
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2673	C₈H₁₇Cl (1) C₁₆H₃₄ (2)	1-chloro-octane hexadecane	111-85-3 544-76-3
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$T / ^\circ\text{C} = 25.0$

69C2

x_2	0.0000	0.1502	0.2936	0.2943	0.3835	0.4348	0.5265	0.6890	0.8444
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$\nu /(\text{mm}^2/\text{s})$	1.298	1.599	1.916	1.918	2.132	2.260	2.497	2.957	3.442
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x_2	0.8454	1.0000
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$\nu /(\text{mm}^2/\text{s})$	3.446	3.970
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2674	C₈H₁₈ (1) C₈H₁₈ (2)	octane 2,2,4-trimethyl-pentane	111-65-9 540-84-1
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$T / ^\circ\text{C} = 20.0$

55T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0
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$\eta /(\text{mPa s})$	0.539	0.528	0.519	0.510	0.503	0.498
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$T / ^\circ\text{C} = 40.0$

55T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0
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$\eta /(\text{mPa s})$	0.429	0.421	0.415	0.408	0.403	0.398
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$T / ^\circ\text{C} = 60.0$

55T1

x_2	0.0	0.2	0.4	0.6	0.8	1.0
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$\eta /(\text{mPa s})$	0.348	0.343	0.338	0.334	0.331	0.327
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2675	C₈H₁₈ (1) C₈H₁₈O (2)	octane 1-butoxy-butane	111-65-9 142-96-1
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$T / \text{K} = 293.15$

98J1

x_2	0.0000	0.0570	0.1118	0.1947	0.2718	0.3576	0.4202	0.4966	0.5465
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$\eta /(\text{mPa s})$	0.537	0.544	0.550	0.560	0.571	0.582	0.592	0.603	0.610
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x_2	0.5810	0.6246	0.7272	0.8102	0.8957	0.9125	0.9514	1.0000
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$\eta /(\text{mPa s})$	0.616	0.623	0.640	0.656	0.670	0.672	0.677	0.681
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$T / \text{K} = 298.15$

98J1

x_2	0.0000	0.0570	0.1118	0.1947	0.2718	0.3576	0.4502	0.4966	0.5465
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$\eta /(\text{mPa s})$	0.499	0.504	0.510	0.520	0.530	0.540	0.551	0.557	0.564
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x_2	0.5810	0.6246	0.7272	0.8102	0.8957	0.9125	0.9514	1.0000
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$\eta /(\text{mPa s})$	0.569	0.574	0.589	0.605	0.619	0.624	0.634	0.647
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$T / \text{K} = 303.15$

98J1

x_2	0.0000	0.0570	0.1118	0.1947	0.2718	0.3576	0.4502	0.4966	0.5465
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$\eta /(\text{mPa s})$	0.476	0.481	0.486	0.495	0.503	0.513	0.524	0.530	0.537
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x_2	0.5810	0.6246	0.7272	0.8102	0.8957	0.9125	0.9514	1.0000
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η /(mPa s)	0.543	0.547	0.561	0.573	0.585	0.588	0.593	0.607	
T /K = 308.15									98J1
x_2	0.0000	0.0342	0.1439	0.1779	0.3314	0.4037	0.4461	0.4584	0.5005
η /(mPa s)	0.453	0.452	0.461	0.465	0.481	0.489	0.493	0.495	0.499
x_2	0.6127	0.6653	0.7483	0.8216	0.9086	0.9771	1.0000		
η /(mPa s)	0.513	0.519	0.529	0.539	0.551	0.560	0.560		
2676	C₈H₁₈ (1) C₈H₁₈O (2)		octane octan-1-ol						111-65-9 111-87-5
T /K = 298.15									95F2
x_1	0.0000	0.0566	0.1294	0.2321	0.3530	0.4724	0.5270	0.6297	0.7780
η /(mPa s)	7.596	6.369	5.058	3.637	2.469	1.705	1.452	1.094	0.764
x_1	0.8294	0.9163	0.9985	1.0000					
η /(mPa s)	0.683	0.572	0.491	0.506					
2677	C₈H₁₈ (1) C₉H₂₀ (2)		octane nonane						111-65-9 111-84-2
T /K = 298.15									95A7
x_1	0.0000	0.1092	0.2071	0.3038	0.4058	0.5051	0.6076	0.7044	0.8047
η /(mPa s)	0.6600	0.6310	0.6264	0.6069	0.5951	0.5768	0.5586	0.5497	0.5318
x_1	0.9025	1.0000							
η /(mPa s)	0.5116	0.5094							
T /K = 298.15									90C1
x_1	0.0000	0.1101	0.2235	0.3015	0.3960	0.5085	0.5891	0.6742	0.7926
ν /(mm ² /s)	0.9206	0.8976	0.8744	0.8585	0.8396	0.9176	0.8020	0.7803	0.7633
x_1	0.8979	1.0000							
ν /(mm ² /s)	0.7456	0.7251							
2678	C₈H₁₈ (1) C₉H₂₀ (2)		2,2,4-trimethyl-pentane nonane						540-84-1 111-84-2
T /K = 298.15									85A2
x_1	0.00000	0.07718	0.21278	0.32940	0.40973	0.52517	0.69583	0.71431	
η /(mPa s)	0.6626	0.6409	0.6118	0.5969	0.5806	0.5564	0.5351	0.5219	
x_1	0.81857	0.88233	0.92105	0.96610	1.00000				
η /(mPa s)	0.5071	0.4985	0.4877	0.4829	0.4788				
2679	C₈H₁₈ (1) C₁₀H₂₂ (2)		2,2-dimethyl-hexane decane						590-73-8 124-18-5

$T/K = 298.15$								90C1
x_1	0.0000	0.1989	0.4072	0.5093	0.6093	0.7988	1.0000	
$\nu /(\text{mm}^2/\text{s})$	1.161	1.063	0.9634	0.9165	0.8714	0.7896	0.7066	

2680 **C₈H₁₈ (1)** **octane** **111-65-9**
 C₁₀H₂₂ (2) **decane** **124-18-5**

$T/K = 297.95$ 98E2

x_1	0.0000	0.1384	0.2144	0.3015	0.3894	0.4520	0.6010	0.6988	0.8208
$\eta /(\text{mPa s})$	0.8703	0.8136	0.7783	0.7465	0.6993	0.6767	0.6312	0.5898	0.5543

x_1	0.8858
$\eta /(\text{mPa s})$	0.5327

$T/K = 313.05$ 98E2

x_1	0.0000	0.1384	0.2144	0.3015	0.3894	0.4520	0.6010	0.6988	0.8208
$\eta /(\text{mPa s})$	0.7126	0.6803	0.6439	0.6261	0.5975	0.5817	0.5417	0.5129	0.4761

x_1	0.8858
$\eta /(\text{mPa s})$	0.4643

$T/K = 328.05$ 98E2

x_1	0.0000	0.1384	0.2144	0.3015	0.3894	0.4520	0.6010	0.6988	0.8208
$\eta /(\text{mPa s})$	0.5939	0.5653	0.5373	0.5193	0.5063	0.4933	0.4679	0.4384	0.4091

x_1	0.8858
$\eta /(\text{mPa s})$	0.4020

$T/K = 343.15$ 98E2

x_1	0.0000	0.1384	0.2144	0.3015	0.3894	0.4520	0.6010	0.6988	0.8208
$\eta /(\text{mPa s})$	0.4985	0.4839	0.4577	0.4380	0.4324	0.4210	0.3972	0.3791	0.3578

x_1	0.8858
$\eta /(\text{mPa s})$	0.3507

$T/K = 358.25$ 98E2

x_1	0.0000	0.1384	0.2144	0.3015	0.3894	0.4520	0.6010	0.6988	0.8208
$\eta /(\text{mPa s})$	0.4199	0.4134	0.3919	0.3757	0.3746	0.3627	0.3434	0.3282	0.3114

x_1	0.8858
$\eta /(\text{mPa s})$	0.3053

$T/K = 373.35$ 98E2

x_1	0.0000	0.1384	0.2144	0.3015	0.3894	0.4520	0.6010	0.6988	0.8208
$\eta /(\text{mPa s})$	0.3931	0.3488	0.3366	0.3342	0.3200	0.3110	0.2966	0.2858	0.2697

x_1	0.8858
$\eta /(\text{mPa s})$	0.2624

Tables are given in the original source 98E2 for pressures up to 25 MPa. 98E2

$T/K = 298.15$ 95A7

x_1	0.0000	0.1059	0.2142	0.3038	0.4052	0.5057	0.6061	0.7032	0.8002
η /(mPa s)	0.8459	0.8166	0.7747	0.7382	0.6937	0.6694	0.6305	0.6018	0.5722
x_1	0.9058	1.0000							
η /(mPa s)	0.5366	0.5094							
$T/K = 293.15$									91C2
x_1	0.0000	0.0964	0.2078	0.2977	0.4057	0.4946	0.6038	0.6932	0.7976
η /(mPa s)	0.9156	0.8745	0.8269	0.7919	0.7499	0.7154	0.6757	0.6432	0.6073
x_1	0.9025	1.0000							
η /(mPa s)	0.5728	0.5409							
$T/K = 293.15$									91C2
x_1	0.0000	0.0964	0.2078	0.2977	0.4057	0.4946	0.6038	0.6932	0.7976
ν /(mm ² /s)	1.2543	1.2016	1.1405	1.0952	1.0414	0.9967	0.9454	0.9032	0.8565
x_1	0.9025	1.0000							
ν /(mm ² /s)	0.8115	0.7697							
$T/K = 298.15$									90C1
x_1	0.0000	0.1384	0.2144	0.3015	0.3894	0.4520	0.6010	0.6988	0.8208
ν /(mm ² /s)	1.161	1.094	1.058	1.017	0.9766	0.9487	0.8842	0.8430	0.7942
x_1	0.8858	1.0000							
ν /(mm ² /s)	0.7686	0.7251							
$T/^\circ\text{C} = 25.0$									78D1
x_1	0.0000	0.0980	0.1785	0.3030	0.3947	0.4651	0.5208	0.6198	0.7142
ν /(mm ² /s)	1.158	1.110	1.072	1.013	0.973	0.941	0.918	0.876	0.838
x_1	1.0000								
ν /(mm ² /s)	0.728								
2681	C₈H₁₈ (1) C₁₀H₂₂ (2)	2,2,4-trimethyl-pentane decane						540-84-1 124-18-5	
$T/K = 298.15$									85A2
x_1	0.00000	0.08287	0.22492	0.34934	0.43091	0.55257	0.64120	0.73497	
η /(mPa s)	0.8372	0.7981	0.7573	0.7059	0.6689	0.6214	0.5981	0.5645	
x_1	0.82546	0.89363	0.93566	1.00000					
η /(mPa s)	0.5303	0.5120	0.4966	0.4788					
$T/K = 298.15$									90C1
x_1	0.0000	0.2019	0.4140	0.5084	0.6109	0.7994	1.0000		
ν /(mm ² /s)	1.161	1.054	0.9503	0.9015	0.8538	0.7685	0.6832		
2682	C₈H₁₈ (1) C₁₀H₂₂O (2)	octane decan-1-ol						111-65-9 112-30-1	

$T/K = 298.15$									91B2
x_2	0.0000	0.1016	0.1773	0.2609	0.3417	0.4222	0.4925	0.5889	
$\eta /(\text{mPa s})$	0.533	0.704	0.877	1.112	1.417	1.805	2.244	3.035	
x_2	0.6804	0.7552	0.8193	0.8948	0.9261	0.9551	1.0000		
$\eta /(\text{mPa s})$	4.074	5.198	6.415	8.257	9.173	10.127	11.798		
$T/K = 298.15$									91B2
x_2	0.0000	0.1016	0.1773	0.2609	0.3417	0.4222	0.4925	0.5889	
$\nu /(\text{mm}^2/\text{s})$	0.763	0.986	1.210	1.510	1.896	2.380	2.924	3.892	
x_2	0.6804	0.7552	0.8193	0.8948	0.9261	0.9551	1.0000		
$\nu /(\text{mm}^2/\text{s})$	5.151	6.500	7.949	10.125	11.201	12.320	14.271		
2683	C₈H₁₈ (1) C₁₁H₂₄ (2)	octane undecane						111-65-9 1120-21-4	
$T/K = 293.15$									99W6
x_1	0.0000	0.1007	0.2018	0.2995	0.4108	0.5076	0.5964	0.6995	0.7954
$\eta /(\text{mPa s})$	1.174	1.099	1.020	0.9530	0.8779	0.8145	0.7599	0.7001	0.6472
x_1	0.8978	1.0000							
$\eta /(\text{mPa s})$	0.5933	0.5433							
$T/K = 298.15$									99W6
x_1	0.0000	0.0992	0.2059	0.2978	0.3916	0.5019	0.5959	0.7154	0.8041
$\eta /(\text{mPa s})$	1.081	1.012	0.9412	0.8829	0.8255	0.7644	0.7093	0.6474	0.6023
x_1	0.9011	1.0000							
$\eta /(\text{mPa s})$	0.5559	0.5105							
$T/K = 308.15$									99W5
x_1	0.0000	0.0969	0.1954	0.3001	0.3970	0.5094	0.5981	0.6968	0.7992
$\eta /(\text{mPa s})$	0.9273	0.8729	0.8200	0.7600	0.7179	0.6650	0.6224	0.5787	0.5349
x_1	0.8998	1.0000							
$\eta /(\text{mPa s})$	0.4939	0.4545							
$T/K = 313.15$									99W5
x_1	0.0000	0.0953	0.1962	0.2979	0.3995	0.5061	0.5914	0.7010	0.8001
$\eta /(\text{mPa s})$	0.8633	0.8144	0.7652	0.7175	0.6718	0.6243	0.5888	0.5424	0.5038
x_1	0.8999	1.0000							
$\eta /(\text{mPa s})$	0.4658	0.4296							
$T/K = 298.15$									95A7
x_1	0.0000	0.1011	0.2077	0.3112	0.4060	0.5073	0.6089	0.7063	0.8047
$\eta /(\text{mPa s})$	1.0841	1.0124	0.9375	0.8621	0.8112	0.7521	0.7019	0.6450	0.6014
x_1	0.9039	1.0000							
$\eta /(\text{mPa s})$	0.5503	0.5094							

$T/K = 293.15$										99W6
x_1	0.0000	0.1007	0.2018	0.2995	0.4108	0.5076	0.5964	0.6995	0.7954	0.9954
$\nu /(\text{mm}^2/\text{s})$	1.587	1.491	1.390	1.304	1.207	1.126	1.055	0.9777	0.9090	0.9090
x_1	0.8978	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.8387	0.7737								
$T/K = 298.15$										99W6
x_1	0.0000	0.0992	0.2059	0.2978	0.3916	0.5019	0.5959	0.7154	0.8041	0.8041
$\nu /(\text{mm}^2/\text{s})$	1.468	1.380	1.289	1.214	1.140	1.062	0.9901	0.9098	0.8511	0.8511
x_1	0.9011	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.7905	0.7309								
$T/K = 308.15$										99W5
x_1	0.0000	0.0969	0.1954	0.3001	0.3970	0.5094	0.5981	0.6968	0.7992	0.7992
$\nu /(\text{mm}^2/\text{s})$	1.2719	1.2019	1.1339	1.0643	1.0022	0.9337	0.8782	0.8212	0.7639	0.7639
x_1	0.8998	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.7101	0.6583								
$T/K = 313.15$										99W5
x_1	0.0000	0.0953	0.1962	0.2979	0.3995	0.5061	0.5914	0.7010	0.8001	0.8001
$\nu /(\text{mm}^2/\text{s})$	1.1899	1.1269	1.0635	1.0019	0.9428	0.8810	0.8349	0.7742	0.7236	0.7236
x_1	0.8999	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.6735	0.6258								

2684 **C₈H₁₈ (1)** **octane** **111-65-9**
 C₁₂H₂₆ (2) **dodecane** **112-40-3**

$T/K = 298.15$										95A7
x_1	0.0000	0.1117	0.2101	0.3025	0.4085	0.5069	0.6088	0.7035	0.8040	0.8040
$\eta /(\text{mPa s})$	1.3791	1.2325	1.1383	1.0381	0.9477	0.8672	0.7703	0.7100	0.6353	0.6353
x_1	0.9048	1.0000								
$\eta /(\text{mPa s})$	0.5647	0.5094								
$x_2 = 0.00$										81D1
$T/^\circ\text{C}$	25.08	50.10	75.14	99.97						
$\eta /(\text{mPa s})$	0.509	0.387	0.3036	0.2457						
$x_2 = 0.50$										81D1
$T/^\circ\text{C}$	25.05	50.07	75.02	100.02						
$\eta /(\text{mPa s})$	0.869	0.623	0.472	0.370						
$x_2 = 1.00$										81D1
$T/^\circ\text{C}$	25.12	50.20	74.95	100.06						
$\eta /(\text{mPa s})$	1.355	0.915	0.667	0.508						

A table is given in Ref. 81D1 for pressures up to 400 MPa.

81D1

$T/K = 298.15$										90C1
x_1	0.0000	0.2008	0.4997	0.7993	1.0000					
$\nu /(\text{mm}^2/\text{s})$	1.804	1.539	1.188	0.8942	0.7251					
2685	C₈H₁₈ (1) C₁₂H₂₆ (2)		2,2,4-trimethyl-pentane dodecane							540-84-1 112-40-3
$T/K = 298.15$										85A2
x_1	0.00000	0.09230	0.15689	0.25027	0.37466	0.47864	0.58890	0.67617		
$\eta /(\text{mPa s})$	1.3531	1.2359	1.1689	1.0846	0.9632	0.8653	0.7696	0.7013		
x_1	0.75974	0.84590	0.90624	0.94567	0.97331	1.00000				
$\eta /(\text{mPa s})$	0.6346	0.5724	0.5377	0.5099	0.4948	0.4788				
2686	C₈H₁₈ (1) C₁₂H₂₇N (2)		octane tributylamine							111-65-9 102-82-9
$T/K = 303.15$										92O3
x_2	0.0000	0.0983	0.1934	0.3950	0.4909	0.5915	0.7854	0.8970	1.0000	
$\eta /(\text{mPa s})$	0.4830	0.5320	0.5833	0.7038	0.7674	0.8380	0.9861	1.0788	1.1668	
$T/K = 313.15$										92O3
x_2	0.0000	0.0983	0.1934	0.3950	0.4909	0.5915	0.7854	0.8970	1.0000	
$\eta /(\text{mPa s})$	0.4201	0.4675	0.5129	0.6183	0.6727	0.7340	0.8553	0.9291	1.0000	
2687	C₈H₁₈ (1) C₁₂H₂₇N (2)		2,2,4-trimethyl-pentane tributylamine							540-84-1 102-82-9
$T/K = 303.15$										92O3
x_2	0.0000	0.1106	0.2474	0.3947	0.4958	0.5982	0.7930	0.8938	1.0000	
$\eta /(\text{mPa s})$	0.4474	0.5050	0.5839	0.6783	0.7486	0.8256	0.9844	1.0717	1.1668	
$T/K = 313.15$										92O3
x_2	0.0000	0.1106	0.2474	0.3947	0.4958	0.5982	0.7930	0.8938	1.0000	
$\eta /(\text{mPa s})$	0.4008	0.4465	0.5109	0.5884	0.6462	0.7101	0.8423	0.9171	1.0000	
2688	C₈H₁₈ (1) C₁₃H₂₈ (2)		octane tridecane							111-65-9 629-50-5
$T/K = 293.15$										99W6
x_1	0.0000	0.1023	0.1966	0.3011	0.3813	0.4993	0.6002	0.6949	0.7976	
$\eta /(\text{mPa s})$	1.863	1.637	1.519	1.354	1.237	1.076	0.950	0.8400	0.7304	
x_1	0.9047	1.0000								
$\eta /(\text{mPa s})$	0.6269	0.5433								

η /(mPa s)	2.3037	2.0497	1.8019	1.5826	1.4189	1.2165	1.0638	0.9105	0.7788
x_1	0.9034	1.0000							
η /(mPa s)	0.6482	0.5409							
T /K = 303.16									88W1
x_1	0.00000	0.15250	0.35146	0.50006	0.64959	0.84958	1.00000		
η /(mPa s)	1.9010	1.6121	1.2759	1.0560	0.85889	0.63029	0.48433		
T /K = 308.16									88W1
x_1	0.00000	0.15250	0.35146	0.50006	0.64959	0.84958	1.00000		
η /(mPa s)	1.7286	1.4756	1.1757	0.97886	0.80257	0.59254	0.45677		
T /K = 293.15									91C2
x_1	0.0000	0.1013	0.2078	0.3125	0.3953	0.5052	0.5997	0.7001	0.7980
ν /(mm ² /s)	3.0189	2.6992	2.3864	2.1090	1.9012	1.6431	1.4480	1.2506	1.0805
x_1	0.9034	1.0000							
ν /(mm ² /s)	0.9194	0.7697							
T /K = 298.15									90C1
x_1	0.0000	0.2004	0.4997	0.8216	1.0000				
ν /(mm ² /s)	2.716	2.180	1.521	0.9695	0.7251				
2690	C₈H₁₈ (1) C₁₄H₃₀ (2)		2,2,4-trimethyl-pentane tetradecane						540-84-1 629-59-4
T /K = 298.15									85A2
x_1	0.00000	0.10835	0.15512	0.18006	0.28065	0.40421	0.51616	0.63039	
η /(mPa s)	2.0282	1.8135	1.7241	1.7019	1.4830	1.2652	1.0860	0.9193	
x_1	0.70945	0.78679	0.81114	0.86158	0.91657	0.95163	0.97676	1.00000	
η /(mPa s)	0.8085	0.7168	0.6841	0.6216	0.5603	0.5263	0.5023	0.4788	
T /K = 298.15									90C1
x_1	0.0000	0.1958	0.4007	0.5184	0.6092	0.7989	1.0000		
ν /(mm ² /s)	2.716	2.218	1.743	1.496	1.319	0.9852	0.6832		
2691	C₈H₁₈ (1) C₁₅H₃₂ (2)		octane pentadecane						111-65-9 629-62-9
T /K = 293.15									99W6
x_1	0.0000	0.1032	0.2005	0.2833	0.3826	0.5038	0.6008	0.7150	0.7994
η /(mPa s)	2.841	2.488	2.185	1.948	1.683	1.385	1.187	0.9631	0.8279
x_1	0.8985	1.0000							
η /(mPa s)	0.6782	0.5433							
T /K = 298.15									99W6

x_1	0.0000	0.1954	0.3986	0.5047	0.6183	0.8070	1.0000
$\nu / (\text{mm}^2/\text{s})$	3.958	3.123	2.351	1.987	1.632	1.127	0.7066

2693 **C₈H₁₈ (1)** **2,5-dimethyl-hexane** **592-13-2**
C₁₆H₃₄ (2) **hexadecane** **544-76-3**

$T/\text{K} = 298.15$ 90C1

x_1	0.0000	0.1027	0.2090	0.4277	0.4872	0.6053	0.7827	1.0000
$\nu / (\text{mm}^2/\text{s})$	3.958	3.452	2.979	2.139	1.934	1.563	1.099	0.6563

2694 **C₈H₁₈ (1)** **octane** **111-65-9**
C₁₆H₃₄ (2) **hexadecane** **544-76-3**

$T/\text{K} = 298.15$ 95A7

x_1	0.0000	0.1039	0.2122	0.3109	0.4114	0.5033	0.6068	0.7096	0.8067
$\eta / (\text{mPa s})$	3.0930	2.6558	2.3053	1.9734	1.6824	1.4524	1.2049	0.9820	0.7957

x_1	0.9049	1.0000
$\eta / (\text{mPa s})$	0.6421	0.5094

$T/\text{K} = 318.16$ 87W1

x_1	0.00000	0.20044	0.36018	0.49989	0.65006	0.84996	1.00000
$\eta / (\text{mPa s})$	2.0392	1.6266	1.3173	1.0728	0.8378	0.5758	0.4138

$T/\text{K} = 328.16$ 87W1

x_1	0.00000	0.20044	0.36018	0.49989	0.65006	0.84996	1.00000
$\eta / (\text{mPa s})$	1.7032	1.3808	1.1325	0.9314	0.7386	0.5128	0.3706

$T/\text{K} = 338.16$ 87W1

x_1	0.00000	0.20044	0.36018	0.49989	0.65006	0.84996	1.00000
$\eta / (\text{mPa s})$	1.4500	1.1872	0.9858	0.8178	0.6550	0.4601	0.3415

$T/\text{K} = 298.15$ 90C1

x_1	0.0000	0.2002	0.5001	0.7997	1.0000
$\nu / (\text{mm}^2/\text{s})$	3.958	3.031	1.940	1.128	0.7251

2695 **C₈H₁₈ (1)** **2,2,4-trimethyl-pentane** **540-84-1**
C₁₆H₃₄ (2) **hexadecane** **544-76-3**

$T/\text{K} = 298.15$ 99F1

x_2	0.0000	0.1010	0.1990	0.2987	0.4006	0.4996	0.6004	0.7002	0.8003
$\eta / (\text{mPa s})$	0.4842	0.6392	0.8143	1.0144	1.2398	1.4891	1.7650	2.0620	2.3912

x_2	0.9001	1.0000
$\eta / (\text{mPa s})$	2.7200	3.0808

$T/\text{K} = 298.15$ 85A2

x_1	0.00000	0.05562	0.13111	0.19713	0.30696	0.42640	0.54724	0.65524	
η /(mPa s)	3.0022	2.8200	2.5501	2.3712	1.9502	1.6511	1.3366	1.0770	
x_1	0.73406	0.80434	0.82747	0.87678	0.92900	0.95109	1.00000		
η /(mPa s)	0.9214	0.7819	0.7495	0.6682	0.5871	0.5441	0.4788		
T /K = 298.15									99F1
x_2	0.0000	0.1010	0.1990	0.2987	0.4006	0.4996	0.6004	0.7002	0.8003
ν /(mm ² /s)	0.7038	0.9101	1.1399	1.3993	1.6885	2.0067	2.3567	2.7315	3.1452
x_2	0.9001	1.0000							
ν /(mm ² /s)	3.5544	4.0007							
2696	C₈H₁₈ (1)		octane						111-65-9
	C₂₀H₄₀O₂ (2)		octadecanoic acid ethyl ester						111-61-5
T /°C = 40.0									61T2
x_2	0.0	0.25	0.50	0.75	1.00				
η /(mPa s)	0.43	1.17	2.16	3.53	5.34				
T /°C = 60.0									61T2
x_2	0.0	0.25	0.50	0.75	1.00				
η /(mPa s)	0.35	0.87	1.55	2.41	3.45				
2697	C₈H₁₈ (1)		2,2,4-trimethyl-pentane						540-84-1
	C₂₀H₄₀O₂ (2)		octadecanoic acid ethyl ester						111-61-5
T /°C = 40.0									61T2
x_2	0.0	0.25	0.50	0.75	1.00				
η /(mPa s)	0.40	1.22	2.22	3.63	5.34				
T /°C = 60.0									61T2
x_2	0.0	0.25	0.50	0.75	1.00				
η /(mPa s)	0.33	0.91	1.62	2.47	3.45				
2698	C₈H₁₈ (1)		octane						111-65-9
	C₂₄H₅₀ (2)		tetracosane						646-31-1
T /K = 318.16									88W2
x_1	0.0000	0.6009	0.6875	0.7611	0.8413	0.9219	1.0000		
η /(mPa s)	5.729	1.92078	1.62965	1.28134	0.97438	0.63238	0.4138		
T /K = 328.16									88W2
x_1	0.0000	0.6009	0.6875	0.7611	0.8413	0.9219	1.0000		
η /(mPa s)	4.78746	1.62734	1.39914	1.11235	0.85127	0.56221	0.3706		
T /K = 338.16									88W2
x_1	0.0000	0.6009	0.6875	0.7611	0.8413	0.9219	1.0000		

η /(mPa s) 3.84926 1.39716 1.21824 0.97735 0.74978 0.50534 0.3415

2699 **C₈H₁₈ (1)** **octane** **111-65-9**
C₂₆H₅₀O₄ (2) **hexanedioic acid didecyl ester** **105-97-5**

T /°C = 40.0 67V1

x_2 0.0 0.20 0.40 0.60 0.80 1.00
 η /(mPa s) 0.42 1.32 2.77 4.80 7.34 10.12

T /°C = 60.0 67V1

x_2 0.0 0.20 0.40 0.60 0.80 1.00
 η /(mPa s) 0.35 1.01 1.96 3.17 4.57 6.01

2700 **C₈H₁₈ (1)** **2,2,4-trimethyl-pentane** **540-84-1**
C₂₆H₅₀O₄ (2) **hexanedioic acid didecyl ester** **105-97-5**

T /°C = 40.0 67V1

x_2 0.0 0.20 0.40 0.60 0.80 1.00
 η /(mPa s) 0.40 1.34 3.03 5.15 7.60 10.12

T /°C = 60.0 67V1

x_2 0.0 0.20 0.40 0.60 0.80 1.00
 η /(mPa s) 0.33 1.07 2.10 3.37 4.68 6.01

2701 **C₈H₁₈ (1)** **octane** **111-65-9**
C₅₇H₁₀₄O₆ (2) **cis-octadec-9-enoic acid 1,2,3-propanetriyl ester** **122-32-7**

T /°C = 20.0 95E3

x_2 0.0000 0.000908 0.001916 0.004907 0.010096 0.026085 0.035551 0.059967 0.0830
 η /(mPa s) 0.5425 0.5531 0.5668 0.6068 0.6753 0.9348 1.1102 1.6382 2.2676

T /°C = 25.0 95E3

x_2 0.0000 0.000908 0.001916 0.004907 0.010096 0.026085 0.035551 0.059967 0.0830
 η /(mPa s) 0.5103 0.5204 0.5329 0.5699 0.6331 0.8701 1.0300 1.5046 2.0641

T /°C = 30.0 95E3

x_2 0.0000 0.000908 0.001916 0.004907 0.010096 0.026085 0.035551 0.059967 0.0830
 η /(mPa s) 0.4810 0.4903 0.5020 0.5360 0.5947 0.8126 0.9579 1.3875 1.8939

T /°C = 35.0 95E3

x_2 0.0000 0.000908 0.001916 0.004907 0.010096 0.026085 0.035551 0.059967 0.0830
 η /(mPa s) 0.4541 0.4628 0.4737 0.5055 0.5596 0.7605 0.8936 1.2842 1.7408

T /°C = 40.0 95E3

x_2 0.0000 0.000908 0.001916 0.004907 0.010096 0.026085 0.035551 0.059967 0.0830
 η /(mPa s) 0.4295 0.4377 0.4478 0.4774 0.5277 0.7134 0.8357 1.1909 1.6059

2702	C₈H₁₈O (1) C₁₂H₂₇BrSn (2)	1-butoxy-butane bromo-tributyl-stannane								142-96-1
<i>T</i> /°C = 10.0										
<i>x</i> ₂	0.0000	0.0496	0.0985	0.1468	0.1946	0.2421	0.2894	0.3365	0.3835	
<i>η</i> /(mPa s)	0.786	0.888	0.990	1.10	1.22	1.35	1.50	1.67	1.82	
<i>x</i> ₂	0.4308	0.5261	0.5745	0.6235	0.7241	0.7761	0.8294	0.8844	0.9412	
<i>η</i> /(mPa s)	2.02	2.47	2.72	2.98	3.62	3.95	4.38	4.85	5.32	
<i>x</i> ₂	1.0000									
<i>η</i> /(mPa s)	5.93									
2703	C₈H₁₈O (1) C₁₂H₂₇ClSn (2)	1-butoxy-butane chloro-tributyl-stannane								142-96-1 1461-22-9
<i>T</i> /°C = 10.0										
<i>x</i> ₂	0.0000	0.0509	0.1034	0.1569	0.2107	0.2647	0.3181	0.3710	0.4229	
<i>η</i> /(mPa s)	0.786	0.855	0.955	1.08	1.25	1.40	1.55	1.73	1.90	
<i>x</i> ₂	0.5242	0.5734	0.6217	0.7162	0.7640	0.8558	0.9028	0.9508	1.0000	
<i>η</i> /(mPa s)	2.37	2.65	2.97	3.65	4.03	5.00	5.39	6.10	6.37	
2704	C₈H₁₈O (1) C₁₂H₂₇O₄P (2)	octan-1-ol phosphoric acid tributyl ester								111-87-5 126-73-8
<i>T</i> /K = 303.15										
<i>x</i> ₂	0.00	0.06	0.12	0.28	0.46	0.70	0.84	1.00		
<i>η</i> /(mPa s)	9.45	5.47	4.98	4.20	3.70	3.40	3.30	2.82		
<i>T</i> /K = 303.15										
<i>x</i> ₂	0.00	0.06	0.12	0.28	0.46	0.70	0.84	1.00		
<i>η</i> /(mPa s)	9.45	5.47	4.98	4.20	3.70	3.40	3.30	2.82		
2705	C₈H₁₈O₄ (1) C₁₂H₂₆ (2)	1,2-bis-(2-methoxy-ethoxy)-ethane dodecane								112-49-2 112-40-3
<i>T</i> /K = 298.15										
<i>x</i> ₁	0.000	0.120	0.215	0.305	0.431	0.505	0.602	0.699	0.787	
<i>v</i> /(mm ² /s)	1.844	1.799	1.777	1.776	1.791	1.792	1.832	1.866	1.884	
<i>x</i> ₁	0.899	1.000								
<i>v</i> /(mm ² /s)	1.974	2.033								
<i>T</i> /K = 323.15										
<i>x</i> ₁	0.000	0.065	0.114	0.193	0.298	0.404	0.483	0.556	0.619	
<i>v</i> /(mm ² /s)	1.269	1.251	1.243	1.214	1.201	1.193	1.189	1.194	1.200	

η /(mPa s)	1.987	1.890	1.814	1.684	1.655	1.639	1.599		
$T/K = 343.15$									80C2
x_1	0.0917	0.1981	0.2948	0.5101	0.5957	0.6515	0.8030		
η /(mPa s)	1.722	1.642	1.578	1.467	1.438	1.423	1.387		
$T/K = 353.15$									80C2
x_1	0.0917	0.1981	0.2948	0.5101	0.5957	0.6515	0.8030		
η /(mPa s)	1.511	1.444	1.390	1.295	1.268	1.254	1.221		
2709	C₉H₁₀O (1) C₁₀H₂₂ (2)		1-phenyl-propan-1-one decane						93-55-0 124-18-5
$T/^\circ\text{C} = 25.0$									78D1
x_1	0.0000	0.2648	0.3265	0.3642	0.4118	0.4566	0.5123	0.5576	0.6117
ν /(mm ² /s)	1.158	1.159	1.177	1.189	1.209	1.229	1.258	1.284	1.318
x_1	0.6430	0.6775	0.7591	0.8631	0.9265	1.0000			
ν /(mm ² /s)	1.339	1.364	1.431	1.544	1.632	1.758			
2710	C₉H₁₀O₂ (1) C₁₄H₁₂O₂ (2)		benzoic acid ethyl ester benzoic acid benzyl ester						93-89-0 120-51-4
$T/^\circ\text{C} = 25.0$									20K1
x_1	0.0000	0.0465	0.1549	0.2475	0.2973	0.3945	0.5054	0.5941	0.6906
η /(mPa s)	8.514	8.039	6.898	6.108	5.695	4.948	4.309	3.740	3.249
x_1	0.8023	0.8963	1.0000						
η /(mPa s)	2.749	2.371	2.014						
2711	C₉H₁₂ (1) C₁₀H₇Cl (2)		1,3,5-trimethyl-benzene 1-chloro-naphthalene						108-67-8 90-13-1
$T/K = 298.15$									99A2
x_2	0.0000	0.0983	0.2041	0.2992	0.3988	0.4984	0.6008	0.6999	0.8017
η /(mPa s)	0.600	0.688	0.807	0.929	1.086	1.251	1.476	1.706	2.019
x_2	0.9016	1.0000							
η /(mPa s)	2.376	2.783							
$T/K = 303.15$									99A2
x_2	0.0000	0.0983	0.2041	0.2992	0.3988	0.4984	0.6008	0.6999	0.8017
η /(mPa s)	0.564	0.644	0.753	0.863	1.003	1.150	1.346	1.551	1.826
x_2	0.9016	1.0000							
η /(mPa s)	2.138	2.502							
$T/K = 308.15$									99A2
x_2	0.0000	0.0983	0.2041	0.2992	0.3988	0.4984	0.6008	0.6999	0.8017

x_1	0.0000	0.0990	0.1968	0.2897	0.3810	0.4918	0.5937	0.6887	0.7862
η /(mPa s)	0.662	0.690	0.725	0.765	0.810	0.871	0.934	1.002	1.078
x_1	0.8882	1.0000							
η /(mPa s)	1.167	1.276							

 $T/K = 298.15$

96M1

x_1	0.0000	0.0990	0.1968	0.2897	0.3810	0.4918	0.5937	0.6887	0.7862
v /(mm ² /s)	0.927	0.947	0.974	1.008	1.048	1.102	1.157	1.219	1.286
x_1	0.8882	1.0000							
v /(mm ² /s)	1.366	1.463							

2717 **C₉H₁₈O₂ (1)** **nonanoic acid** **112-05-0**
C₁₀H₂₀O₂ (2) **decanoic acid** **334-48-5**

 $T/^\circ\text{C} = 40.0$

97V1

x_1	0.0000	0.2653	0.5158	0.7602	1.0000
v /(mm ² /s)	6.9018	6.6844	6.3415	5.9834	5.9730

 $T/^\circ\text{C} = 50.0$

97V1

x_1	0.0000	0.2653	0.5158	0.7602	1.0000
v /(mm ² /s)	5.2488	5.2900	5.0429	4.7469	4.1463

 $T/^\circ\text{C} = 60.0$

97V1

x_1	0.0000	0.2653	0.5158	0.7602	1.0000
v /(mm ² /s)	4.2557	4.2677	4.1504	3.8827	3.3802

 $T/^\circ\text{C} = 70.0$

97V1

x_1	0.0000	0.2653	0.5158	0.7602	1.0000
v /(mm ² /s)	3.5086	3.5175	3.3931	3.2205	2.7299

 $T/^\circ\text{C} = 80.0$

97V1

x_1	0.0000	0.2653	0.5158	0.7602	1.0000
v /(mm ² /s)	2.7332	2.8791	2.7163	2.6187	2.3223

 $T/^\circ\text{C} = 90.0$

97V1

x_1	0.0000	0.2653	0.5158	0.7602	1.0000
v /(mm ² /s)	2.3317	2.4554	2.3257	2.2375	1.9957

2718 **C₉H₂₀ (1)** **nonane** **111-84-2**
C₁₀H₂₂ (2) **decane** **124-18-5**

 $T/K = 298.15$

95A7

x_1	0.0000	0.1051	0.2082	0.3045	0.4048	0.5057	0.6085	0.7065	0.8060
η /(mPa s)	0.8459	0.8387	0.8061	0.7835	0.7761	0.7535	0.7344	0.7185	0.6913
x_1	0.8970	1.0000							
η /(mPa s)	0.6734	0.6600							

$T/K = 298.15$										90C1
x_1	0.0000	0.1203	0.2074	0.2916	0.4037	0.4866	0.5975	0.7017	0.7953	
$\nu /(\text{mm}^2/\text{s})$	1.161	1.131	1.109	1.088	1.060	1.040	1.014	0.9889	0.9679	
x_1	0.9017	1.0000								
$\nu /(\text{mm}^2/\text{s})$	0.9428	0.9206								
2719	C₉H₂₀ (1) C₁₀H₂₂O (2)		nonane decan-1-ol							111-84-2 112-30-1
$T/K = 298.15$										91B2
x_2	0.0000	0.0904	0.1635	0.2509	0.3373	0.3984	0.4735	0.5541		
$\eta /(\text{mPa s})$	0.686	0.848	1.022	1.280	1.620	1.913	2.358	2.950		
x_2	0.6142	0.6776	0.7461	0.8529	0.9452	1.0000				
$\eta /(\text{mPa s})$	3.511	4.217	5.189	7.304	9.876	11.798				
$T/K = 298.15$										91B2
x_2	0.0000	0.0904	0.1635	0.2509	0.3373	0.3984	0.4735	0.5541		
$\nu /(\text{mm}^2/\text{s})$	0.961	1.170	1.394	1.722	2.150	2.151	3.065	3.790		
x_2	0.6142	0.6776	0.7461	0.8529	0.9452	1.0000				
$\nu /(\text{mm}^2/\text{s})$	4.472	5.323	6.489	9.003	12.029	14.271				
2720	C₉H₂₀ (1) C₁₁H₂₂O₂ (2)		nonane decanoic acid methyl ester							111-84-2 110-42-9
$T/K = 298.15$										96M1
x_2	0.0000	0.1149	0.1917	0.2932	0.3874	0.4898	0.5871	0.6966	0.7889	
$\eta /(\text{mPa s})$	0.662	0.742	0.803	0.895	0.991	1.108	1.233	1.391	1.539	
x_2	0.8923	1.0000								
$\eta /(\text{mPa s})$	1.724	1.941								
$T/K = 298.15$										96M1
x_2	0.0000	0.1149	0.1917	0.2932	0.3874	0.4898	0.5871	0.6966	0.7889	
$\nu /(\text{mm}^2/\text{s})$	0.927	1.010	1.075	1.171	1.271	1.392	1.521	1.682	1.833	
x_2	0.8923	1.0000								
$\nu /(\text{mm}^2/\text{s})$	2.019	2.235								
2721	C₉H₂₀ (1) C₁₁H₂₄ (2)		nonane undecane							111-84-2 1120-21-4
$T/K = 298.15$										95A7
x_1	0.0000	0.1034	0.2088	0.3024	0.4073	0.5057	0.6037	0.7055	0.8002	
$\eta /(\text{mPa s})$	1.0841	1.0305	0.9658	0.9310	0.8929	0.8476	0.8141	0.7700	0.7331	

x_1	0.9038	1.0000
η /(mPa s)	0.6870	0.6600

2722	C₉H₂₀ (1)	nonane	111-84-2
	C₁₂H₂₆ (2)	dodecane	112-40-3

$T/K = 298.15$									95A7
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x_1	0.0000	0.0957	0.1995	0.3049	0.4056	0.5088	0.6103	0.7039	0.8049
η /(mPa s)	1.3791	1.2731	1.1868	1.1109	1.0224	0.9690	0.8955	0.7272	0.7721

x_1	0.9023	1.0000
η /(mPa s)	0.7118	0.6600

$T/K = 298.15$									90C1
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x_1	0.0000	0.2008	0.5000	0.7994	1.0000
ν /(mm ² /s)	1.804	1.597	1.315	1.071	0.9206

2723	C₉H₂₀ (1)	nonane	111-84-2
	C₁₄H₃₀ (2)	tetradecane	629-59-4

$T/K = 298.15$									90C1
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x_1	0.0000	0.2005	0.5000	0.7977	1.0000
ν /(mm ² /s)	2.716	2.246	1.668	1.191	0.9206

2724	C₉H₂₀ (1)	nonane	111-84-2
	C₁₆H₃₄ (2)	hexadecane	544-76-3

$T/K = 298.15$									95A7
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x_1	0.0000	0.1105	0.2002	0.3173	0.4054	0.5056	0.5795	0.7077	0.8024
η /(mPa s)	3.0930	2.6980	2.4156	2.0717	1.8324	1.5707	1.4037	1.1517	0.9655

x_1	0.8988	1.0000
η /(mPa s)	0.8177	0.6600

$T/K = 298.15$									90C1
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x_1	0.0000	0.2002	0.4999	0.7993	1.0000
ν /(mm ² /s)	3.958	3.110	2.111	1.328	0.7251

2725	C₉H₂₀O (1)	nonan-1-ol	143-08-8
	C₁₀H₂₂O (2)	decan-1-ol	112-30-1

$T/K = 293.15$									99S2
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x_1	0.0000	0.1193	0.3048	0.4517	0.5886	0.7193	0.8745	1.0000
η /(mPa s)	14.548	14.195	13.760	13.219	12.823	12.455	12.023	11.728

$T/K = 298.15$									99S2
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x_1	0.0000	0.1825	0.2583	0.4610	0.6152	0.7418	0.8690	1.0000
η /(mPa s)	11.829	11.487	11.342	10.846	10.532	10.231	9.852	9.715

T /K = 293.15

99S2

x_1	0.0000	0.1193	0.3048	0.4517	0.5886	0.7193	0.8745	1.0000
ν /(mm ² /s)	17.525	17.104	16.588	15.941	15.471	15.031	14.518	14.166

T /K = 298.15

99S2

x_1	0.0000	0.1825	0.2583	0.4610	0.6152	0.7418	0.8690	1.0000
ν /(mm ² /s)	14.308	13.900	13.728	13.135	12.759	12.399	11.945	11.785

2726 **C₁₀H₇NO₂ (1)** **1-nitro-naphthalene** **86-57-7**
C₁₀H₈ (2) **naphthalene** **91-20-3**

T /°C = 77.0

32B1

w_1	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90
η /(mPa s)	0.7435	0.7808	0.8252	0.8853	0.9535	1.0529	1.1612	1.2871	1.4358

w_1	1.00
η /(mPa s)	1.6402

T /°C = 97.5

32B1

w_1	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.5412	0.5630	0.5855	0.6177	0.6610	0.7132	0.7645	0.8357	0.9258

w_1	0.90	1.00
η /(mPa s)	1.0245	1.1670

2727 **C₁₀H₇NO₂ (1)** **1-nitro-naphthalene** **86-57-7**
C₁₂H₁₁N (2) **diphenylamine** **122-39-4**

T /°C = 77.0

32B1

w_1	0.00	0.10	0.20	0.30	0.40	0.50	0.55	0.60	0.70
η /(mPa s)	1.8266	1.7888	1.7605	1.7250	1.6929	1.6480	1.6410	1.6329	1.6265

w_1	0.80	0.90	1.00
η /(mPa s)	1.6314	1.6340	1.6430

T /°C = 97.5

32B1

w_1	0.00	0.10	0.20	0.30	0.40	0.50	0.55	0.60	0.70
η /(mPa s)	1.1755	1.1556	1.1429	1.1370	1.1338	1.1305	1.1327	1.1352	1.1420

w_1	0.80	0.90	1.00
η /(mPa s)	1.1478	1.1591	1.1678

2728 **C₁₀H₈ (1)** **naphthalene** **91-20-3**
C₁₀H₁₄O (2) **5-methyl-2-(1-methyl-ethyl)-phenol** **89-83-8**

T /°C = 77.0

32B1

w_2	0.10	0.20	0.30	0.40	0.50	0.55	0.60	0.65	0.70
η /(mPa s)	0.7141	0.7252	0.7486	0.7842	0.8272	0.8485	0.8643	0.9061	0.9405
w_2	0.75	0.80	0.90	1.00					
η /(mPa s)	0.9800	1.0154	1.0966	1.1989					
T /°C = 97.5									32B1
w_2	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80
η /(mPa s)	0.5412	0.5455	0.5491	0.5638	0.5833	0.5977	0.6275	0.6516	0.6885
w_2	0.90	1.00							
η /(mPa s)	0.7321	0.7918							
2729	C₁₀H₈ (1) C₁₀H₂₀O (2)		naphthalene menthol						91-20-3 89-78-1
T /°C = 82.2									10S2
w_2	0.000	0.1940	0.3587	0.5417	0.6989	0.8476	0.9263	1.0000	
η /(mPa s)	0.727	0.854	0.789	0.975	1.142	1.321	1.571	1.848	
T /°C = 99.0									10S2
w_2	0.000	0.1940	0.3587	0.5417	0.6989	0.8476	0.9263	1.0000	
η /(mPa s)	0.558	0.640	0.588	0.718	0.763	0.808	0.914	1.041	
2730	C₁₀H₈ (1) C₁₂H₁₀ (2)		naphthalene 1,1'-biphenyl						91-20-3 92-52-4
$w_2 = 0.00$									50G1
T /°C	80.0	90.0	110.0	130.0	150.0	177.5	205.0	230.0	270.0
ν /(mm ² /s)	0.969	0.910	0.777	0.643	0.555	0.465	0.401	0.361	0.321
T /°C	305.0	333.0	360.0						
ν /(mm ² /s)	0.295	0.269	0.262						
$w_2 = 0.25$									50G1
T /°C	90.0	108.0	130.0	150.0	175.0	197.5	235.0		
ν /(mm ² /s)	0.948	0.804	0.684	0.577	0.489	0.437	0.380		
$w_2 = 0.50$									50G1
T /°C	80.0	95.0	100.0	125.0	147.5	175.0	200.0	235.0	
ν /(mm ² /s)	1.098	0.954	0.928	0.724	0.612	0.504	0.444	0.374	
$w_2 = 0.75$									50G1
T /°C	80.0	100.0	125.0	154.0	180.0	197.5	235.0		
ν /(mm ² /s)	1.189	0.963	0.774	0.626	0.523	0.471	0.381		
$w_2 = 1.00$									50G1
T /°C	72.5	95.0	113.0	140.0	167.5	233.5	246.0	267.5	285.0
ν /(mm ² /s)	1.524	1.112	0.888	0.731	0.579	0.407	0.381	0.349	0.329
T /°C	325.0								

$\nu /(\text{mm}^2/\text{s})$ 0.288

2731 C_{10}H_8 (1) **naphthalene** **91-20-3**
 $\text{C}_{12}\text{H}_{18}\text{O}_8$ (2) **2,3-diacetoxy-succinic acid diethyl ester** **2364-65-0**

$T/^\circ\text{C} = 82.2$ 10S1

w_2 0.0000 0.3174 0.5289 0.6949 0.8234 0.9190 1.0000
 $\eta /(\text{mPa s})$ 0.727 1.374 1.567 2.116 3.593 3.912 5.504

$T/^\circ\text{C} = 99.0$ 10S1

w_2 0.0000 0.3174 0.5289 0.6949 0.8234 0.9190 1.0000
 $\eta /(\text{mPa s})$ 0.558 1.009 1.119 1.405 2.316 2.358 3.126

2732 C_{10}H_8 (1) **naphthalene** **91-20-3**
 $\text{C}_{14}\text{H}_{12}\text{O}_2$ (2) **benzoic acid benzyl ester** **120-51-4**

$\varphi_2 = 0.00$ 35B1

$T/^\circ\text{C}$ 80.0 100.0 120.0 140.0 150.0
 $\eta /(\text{mPa s})$ 0.975 0.782 0.649 0.543 0.492

$\varphi_2 = 0.25$ 35B1

$T/^\circ\text{C}$ 80.0 100.0 120.0 140.0
 $\eta /(\text{mPa s})$ 1.156 0.922 0.755 0.623

$\varphi_2 = 0.50$ 35B1

$T/^\circ\text{C}$ 70.0 80.0 100.0 120.0 140.0
 $\eta /(\text{mPa s})$ 1.584 1.377 1.081 0.862 0.711

$\varphi_2 = 0.75$ 35B1

$T/^\circ\text{C}$ 60.0 80.0 100.0 120.0 140.0
 $\eta /(\text{mPa s})$ 2.466 1.758 1.322 1.046 0.847

$\varphi_2 = 1.00$ 35B1

$T/^\circ\text{C}$ 60.0 80.0 90.0 100.0
 $\eta /(\text{mPa s})$ 3.259 2.245 1.912 1.655

2733 $\text{C}_{10}\text{H}_9\text{N}$ (1) **naphthalen-1-ylamine** **134-32-7**
 $\text{C}_{12}\text{H}_{11}\text{N}$ (2) **diphenylamine** **122-39-4**

$T/\text{K} = 323.15$ 84S1

x_1 0.000 0.456 0.556 0.656 1.000
 $\eta /(\text{mPa s})$ 6.24 6.93 7.23 7.64 10.37

$T/\text{K} = 328.15$ 84S1

x_1 0.000 0.456 0.556 0.656 1.000
 $\eta /(\text{mPa s})$ 5.50 5.88 6.13 6.41 8.64

$T/\text{K} = 333.15$ 84S1

x_1	0.000	0.456	0.556	0.656	1.000
η /(mPa s)	4.62	4.96	4.97	5.39	7.13

$T/K = 337.15$

84S1

x_1	0.000	0.456	0.556	0.656	1.000
η /(mPa s)	4.11	4.41	4.42	4.82	6.26

2734 **C₁₀H₁₂ (1)** **1,2,3,4-tetrahydro-naphthalene**

C₁₆H₃₄ (2) **hexadecane**

119-64-2
544-76-3

$T/K = 303.15$

80C2

x_1	0.1534	0.2557	0.2926	0.4202	0.5347	0.6350	0.7193	0.8059	0.9094
η /(mPa s)	3.304	3.092	3.025	2.803	2.595	2.429	2.302	2.166	2.029

x_1 1.0000

η /(mPa s) 1.847

$T/K = 313.15$

80C2

x_1	0.1534	0.2557	0.2926	0.4202	0.5347	0.6350	0.7193	0.8059	0.9094
η /(mPa s)	2.723	2.559	2.509	2.338	2.174	2.041	1.939	1.829	1.714

x_1 1.0000

η /(mPa s) 1.543

$T/K = 323.15$

80C2

x_1	0.1534	0.2557	0.2926	0.4202	0.5347	0.6350	0.7193	0.8059	0.9094
η /(mPa s)	2.289	2.160	2.121	1.986	1.854	1.746	1.661	1.571	1.472

x_1 1.0000

η /(mPa s) 1.312

$T/K = 333.15$

80C2

x_1	0.1534	0.2557	0.2926	0.4202	0.5347	0.6350	0.7193	0.8059	0.9094
η /(mPa s)	1.957	1.853	1.822	1.712	1.605	1.515	1.445	1.369	1.283

x_1 1.0000

η /(mPa s) 1.133

$T/K = 343.15$

80C2

x_1	0.1534	0.2557	0.2926	0.4202	0.5347	0.6350	0.7193	0.8059	0.9094
η /(mPa s)	1.697	1.614	1.587	1.497	1.407	1.332	1.272	1.207	1.133

x_1 1.0000

η /(mPa s) 0.992

$T/K = 353.15$

80C2

x_1	0.1534	0.2557	0.2926	0.4202	0.5347	0.6350	0.7193	0.8059	0.9094
η /(mPa s)	1.492	1.423	1.400	1.323	1.247	1.184	1.133	1.077	1.012

x_1 1.0000

η /(mPa s) 0.876

2735	C₁₀H₁₂O (1) C₁₀H₂₀O (2)	1-methoxy-4-propenyl-benzene menthol						104-46-1 89-78-1	
$T/^\circ\text{C} = 55.6$									10S2
w_2	0.000	0.0990	0.3460	0.5301	0.6787	0.8485	1.0000		
$\eta/(\text{mPa s})$	1.287	1.275	1.461	1.659	2.129	3.516	6.289		
$T/^\circ\text{C} = 74.6$									10S2
w_2	0.000	0.0990	0.3460	0.5301	0.6787	0.8485	1.0000		
$\eta/(\text{mPa s})$	0.918	0.901	1.099	0.989	1.185	1.811	2.469		
$T/^\circ\text{C} = 82.2$									10S2
w_2	0.000	0.0990	0.3460	0.5301	0.6787	0.8485	1.0000		
$\eta/(\text{mPa s})$	0.812	0.799	0.857	0.901	0.980	1.432	1.848		
$T/^\circ\text{C} = 99.0$									10S2
w_2	0.000	0.0990	0.3460	0.5301	0.6787	0.8485	1.0000		
$\eta/(\text{mPa s})$	0.612	0.601	0.660	0.609	0.675	0.915	1.041		
2736	C₁₀H₁₂O (1) C₁₀H₂₂ (2)	1-phenyl-butan-1-one decane						495-40-9 124-18-5	
$T/^\circ\text{C} = 25.0$									78D1
x_1	0.0000	0.2458	0.2944	0.3669	0.4101	0.4650	0.5105	0.5659	0.6348
$v/(\text{mm}^2/\text{s})$	1.160	1.210	1.234	1.277	1.306	1.350	1.388	1.442	1.518
x_1	0.7228	0.8391	0.9125	1.0000					
$v/(\text{mm}^2/\text{s})$	1.634	1.830	1.990	2.228					
2737	C₁₀H₁₄N₂ (1) C₁₈H₃₄O₂ (2)	(S)-(-)-nicotine cis-octadec-9-enoic acid						54-11-5 112-79-8	
$T/^\circ\text{C} = 25.0$									49B2
x_1	0.0000	0.1049	0.1989	0.2016	0.2132	0.2175	0.2346	0.2482	0.2489
$\eta/(\text{mPa s})$	35.4084	74.2677	106.9814	107.9520	110.3440	110.4118	112.3137	110.3192	109.95
x_1	0.2826	0.2980	0.4102	0.4841	0.5948	0.7031	0.7939	0.8975	1.0000
$\eta/(\text{mPa s})$	105.3402	102.5190	73.4781	51.8377	34.1939	20.1229	11.7011	7.2764	3.8942
$T/^\circ\text{C} = 50.0$									49B2
x_1	0.0000	0.1049	0.1989	0.2016	0.2132	0.2175	0.2346	0.2482	0.2489
$\eta/(\text{mPa s})$	14.3838	22.1297	29.2818	29.5604	30.0278	30.1514	30.4850	30.1271	30.115
x_1	0.2826	0.2980	0.4102	0.4841	0.5948	0.7031	0.7939	0.8975	1.0000
$\eta/(\text{mPa s})$	28.7680	28.0183	22.1918	17.6026	12.3453	8.1356	5.1975	3.4316	2.0376
$T/^\circ\text{C} = 75.0$									49B2
x_1	0.0000	0.1049	0.1989	0.2016	0.2132	0.2175	0.2346	0.2482	0.2489
$\eta/(\text{mPa s})$	7.2624	9.4913	11.0375	11.0460	11.2521	11.3085	11.8245	11.7371	11.680

x_1	0.2826	0.2980	0.4102	0.4841	0.5948	0.7031	0.7939	0.8975	1.0000
η /(mPa s)	10.8849	10.5561	9.1618	7.5826	5.7842	4.1360	2.8660	2.0399	1.2626
2738	C₁₀H₁₄N₂ (1) C₁₈H₃₆O₂ (2)		(S)-(-)-nicotine octadecanoic acid						54-11-5 57-11-4
$T/^\circ\text{C} = 25.0$									49B2
x_1	0.6986	0.7961	0.8973	1.0000					
η /(mPa s)	21.1780	14.2227	7.7900	3.8942					
$T/^\circ\text{C} = 50.0$									49B2
x_1	0.3991	0.4952	0.6034	0.6986	0.7961	0.8973	1.0000		
η /(mPa s)	26.0361	18.6046	12.3042	8.5707	6.0452	4.0025	2.0376		
$T/^\circ\text{C} = 75.0$									49B2
x_1	0.0000	0.1149	0.1818	0.2024	0.2069	0.2283	0.2506	0.2695	0.2971
η /(mPa s)	8.1362	10.6377	12.3841	12.8388	12.8544	13.0609	12.8246	12.3627	11.747
x_1	0.3991	0.4952	0.6034	0.6986	0.7961	0.8973	1.0000		
η /(mPa s)	10.0460	8.0003	5.7612	4.5904	3.2500	2.1965	1.2626		
2739	C₁₀H₁₄O (1) C₁₀H₁₈O (2)		5-methyl-2-(1-methyl-ethyl)-phenol 1,3,3-trimethyl-2-oxa-bicyclo[2.2.2]octane						89-83-8 470-82-6
$T/\text{K} = 278.15$									94B1
x_1	0.0000	0.5865	0.6068	0.6272	0.6462	0.6661			
η /(mPa s)	4.138	194.89	206.97	214.92	219.88	219.35			
$T/\text{K} = 283.15$									94B1
x_1	0.0000	0.5865	0.6068	0.6272	0.6462				
η /(mPa s)	3.595	111.98	115.35	119.66	122.95				
$T/\text{K} = 288.15$									94B1
x_1	0.0000	0.5865	0.6068	0.6272	0.6462	0.6661	0.6858	0.7057	
η /(mPa s)	3.127	68.17	71.01	72.10	73.17	72.67	71.95	68.70	
$T/\text{K} = 293.15$									94B1
x_1	0.0000	0.5865	0.6068	0.6272	0.6462	0.6661	0.6858	0.7057	
η /(mPa s)	2.697	43.71	45.56	46.15	46.86	46.28	45.95	44.22	
$T/\text{K} = 298.15$									94B1
x_1	0.0000	0.5865	0.6068	0.6272	0.6462	0.6661	0.6858	0.7057	
η /(mPa s)	2.303	29.92	30.80	31.35	31.41	31.27	30.92	29.82	
2740	C₁₀H₁₅N (1) C₁₂H₁₁N (2)		N,N-diethyl-aniline diphenylamine						91-66-7 122-39-4
$T/^\circ\text{C} = 25.0$									65F2

x_2	0.0000	0.1169	0.2161	0.4308	0.5654	0.6688			
$\eta /(\text{mPa s})$	1.93	2.41	2.98	4.63	6.52	8.13			
$T / ^\circ\text{C} = 50.0$									65F2
x_2	0.0000	0.1169	0.2161	0.4308	0.5654	0.6688	0.7545	0.8327	0.9490
$\eta /(\text{mPa s})$	1.15	1.35	1.58	2.22	2.90	3.31	3.82	4.49	5.40
x_2	1.0000								
$\eta /(\text{mPa s})$	5.95								
$T / ^\circ\text{C} = 75.0$									65F2
x_2	0.0000	0.1169	0.2161	0.4308	0.5654	0.6688	0.7545	0.8327	0.9490
$\eta /(\text{mPa s})$	0.750	0.855	0.977	1.27	1.60	1.69	1.87	2.14	2.54
x_2	1.0000								
$\eta /(\text{mPa s})$	2.69								

2741	C₁₀H₁₆O (1) C₁₆H₁₀ (2)		camphor pyrene						76-22-2 129-00-0
$x_2 = 0.160$									60H1
$T / ^\circ\text{C}$	160.1	180.0	190.0	209.7	229.7				
$\eta /(\text{mPa s})$	1.428	1.123	1.017	0.833	0.697				
$x_2 = 0.344$									60H1
$T / ^\circ\text{C}$	160.1	180.1	189.9	209.0	229.8				
$\eta /(\text{mPa s})$	1.279	0.980	0.884	0.724	0.601				
$x_2 = 0.399$									60H1
$T / ^\circ\text{C}$	160.3	180.0	190.2	209.7	229.8				
$\eta /(\text{mPa s})$	1.219	0.953	0.870	0.706	0.585				
$x_2 = 0.534$									60H1
$T / ^\circ\text{C}$	160.8	169.1	181.8	190.1	200.0	210.8	222.4	229.7	
$\eta /(\text{mPa s})$	1.070	0.974	0.846	0.781	0.715	0.636	0.582	0.543	
$x_2 = 0.601$									60H1
$T / ^\circ\text{C}$	160.7	182.1	190.2	209.9	230.3				
$\eta /(\text{mPa s})$	1.042	0.805	0.735	0.596	0.490				
$x_2 = 0.722$									60H1
$T / ^\circ\text{C}$	181.4	200.3							
$\eta /(\text{mPa s})$	0.745	0.608							
$x_2 = 1.000$									60H1
$T / ^\circ\text{C}$	179.8	190.0	200.1	209.9	220.2	229.9			
$\eta /(\text{mPa s})$	1.280	1.142	1.029	0.924	0.839	0.767			

2742	C₁₀H₁₈ (1) C₁₆H₃₄ (2)		trans-decahydro-naphthalene hexadecane						493-02-7 544-76-3
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$T/K = 303.15$									80C2
x_1	0.1726	0.3043	0.4009	0.5077	0.5725	0.7085	0.8527	1.0000	
$\eta /(\text{mPa}\cdot\text{s})$	3.291	3.084	2.941	2.767	2.668	2.458	2.238	1.756	
$T/K = 313.15$									80C2
x_1	0.1726	0.3043	0.4009	0.5077	0.5725	0.7085	0.8527	1.0000	
$\eta /(\text{mPa}\cdot\text{s})$	2.719	2.562	2.454	2.321	2.244	2.081	1.907	1.488	
$T/K = 323.15$									80C2
x_1	0.1726	0.3043	0.4009	0.5077	0.5725	0.7085	0.8527	1.0000	
$\eta /(\text{mPa}\cdot\text{s})$	2.289	2.167	2.084	1.979	1.918	1.788	1.646	1.277	
$T/K = 333.15$									80C2
x_1	0.1726	0.3043	0.4009	0.5077	0.5725	0.7085	0.8527	1.0000	
$\eta /(\text{mPa}\cdot\text{s})$	1.958	1.862	1.796	1.711	1.662	1.556	1.438	1.108	
$T/K = 343.15$									80C2
x_1	0.1726	0.3043	0.4009	0.5077	0.5725	0.7085	0.8527	1.0000	
$\eta /(\text{mPa}\cdot\text{s})$	1.699	1.622	1.568	1.498	1.457	1.367	1.269	0.971	
$T/K = 353.15$									80C2
x_1	0.1726	0.3043	0.4009	0.5077	0.5725	0.7085	0.8527	1.0000	
$\eta /(\text{mPa}\cdot\text{s})$	1.492	1.429	1.384	1.326	1.291	1.217	1.131	0.859	
2743	C₁₀H₂₀O₂ (1)	C₁₂H₂₄O₂ (2)	decanoic acid			dodecanoic acid			334-48-5
			dodecanoic acid						143-07-7
$T/^\circ\text{C} = 50.0$									97V1
x_1	0.0000	0.2823	0.5520	0.7789	1.0000				
$\nu /(\text{mm}^2/\text{s})$	8.0213	7.2843	6.6136	5.9881	5.2488				
$T/^\circ\text{C} = 60.0$									97V1
x_1	0.0000	0.2823	0.5520	0.7789	1.0000				
$\nu /(\text{mm}^2/\text{s})$	6.3157	5.7620	5.2787	4.7914	4.2557				
$T/^\circ\text{C} = 70.0$									97V1
x_1	0.0000	0.2823	0.5520	0.7789	1.0000				
$\nu /(\text{mm}^2/\text{s})$	5.1075	4.6610	4.3178	3.9253	3.5086				
$T/^\circ\text{C} = 80.0$									97V1
x_1	0.0000	0.2823	0.5520	0.7789	1.0000				
$\nu /(\text{mm}^2/\text{s})$	4.1202	3.8540	3.6102	3.2371	2.7332				
$T/^\circ\text{C} = 90.0$									97V1
x_1	0.0000	0.2823	0.5520	0.7789	1.0000				
$\nu /(\text{mm}^2/\text{s})$	3.5288	3.1057	2.9577	2.7454	2.3317				
2744	C₁₀H₂₁Cl (1)		1-chloro-decane						1002-69-3

	C₁₀H₂₂ (2)		decane					124-18-5	
<i>T</i> /K = 293.15									93H1
<i>x</i> ₂	0.0000	0.1000	0.2004	0.2954	0.3988	0.4972	0.5930	0.6968	0.7947
<i>η</i> /(mPa s)	1.944	1.796	1.660	1.539	1.419	1.315	1.225	1.136	1.063
<i>x</i> ₂	0.8906	1.0000							
<i>η</i> /(mPa s)	0.997	0.927							
<i>T</i> /K = 298.15									93H1
<i>x</i> ₂	0.0000	0.1000	0.2004	0.2954	0.3988	0.4972	0.5930	0.6968	0.7947
<i>η</i> /(mPa s)	1.787	1.649	1.523	1.415	1.307	1.214	1.133	1.054	0.990
<i>x</i> ₂	0.8906	1.0000							
<i>η</i> /(mPa s)	0.931	0.870							
<i>T</i> /K = 303.15									93H1
<i>x</i> ₂	0.0000	0.1000	0.2004	0.2954	0.3988	0.4972	0.5930	0.6968	0.7947
<i>η</i> /(mPa s)	1.630	1.500	1.388	1.291	1.196	1.114	1.042	0.973	0.917
<i>x</i> ₂	0.8906	1.0000							
<i>η</i> /(mPa s)	0.867	0.814							
<i>T</i> /K = 308.15									93H1
<i>x</i> ₂	0.0000	0.1000	0.2004	0.2954	0.3988	0.4972	0.5930	0.6968	0.7947
<i>η</i> /(mPa s)	1.471	1.353	1.250	1.167	1.084	1.013	0.951	0.891	0.844
<i>x</i> ₂	0.8906	1.0000							
<i>η</i> /(mPa s)	0.802	0.759							
2745	C₁₀H₂₁Cl (1) C₁₆H₃₄ (2)		1-chloro-decane hexadecane					1002-69-3 544-76-3	
<i>T</i> /°C = 25.0									69C2
<i>x</i> ₂	0.0000	0.1457	0.2910	0.4463	0.4487	0.5414	0.5466	0.5758	0.6979
<i>v</i> /(mm ² /s)	2.046	2.280	2.521	2.793	2.804	2.978	2.988	3.040	3.277
<i>x</i> ₂	0.8464	1.0000							
<i>v</i> /(mm ² /s)	3.618	3.970							
2746	C₁₀H₂₁Cl (1) C₁₈H₃₇Cl (2)		1-chloro-decane 1-chloro-octadecane					1002-69-3 3386-33-2	
<i>T</i> /°C = 25.0									71C1
<i>x</i> ₂	0.0000	0.3008	0.4486	0.4943	0.5496	1.0000			
<i>v</i> /(mm ² /s)	2.046	3.528	4.398	4.691	5.052	8.590			
2747	C₁₀H₂₂ (1) C₁₀H₂₂O (2)		decane decan-1-ol					124-18-5 112-30-1	

$T/K = 298.15$									91B2
x_2	0.0000	0.0771	0.1568	0.2159	0.3219	0.4054	0.4784	0.6063	
$\eta/(mPa\ s)$	0.859	1.012	1.180	1.358	1.714	2.092	2.517	3.550	
x_2	0.7002	0.7774	0.8602	0.9529	1.0000				
$\eta/(mPa\ s)$	4.737	5.914	7.637	10.191	11.798				
$T/K = 298.15$									91B2
x_2	0.0000	0.0771	0.1568	0.2159	0.3219	0.4054	0.4784	0.6063	
$\nu/(mm^2/s)$	1.183	1.380	1.592	1.818	2.262	2.730	3.254	4.513	
x_2	0.7002	0.7774	0.8602	0.9529	1.0000				
$\nu/(mm^2/s)$	5.950	7.355	9.400	12.399	14.271				
2748	C₁₀H₂₂ (1) C₁₁H₁₄O (2)		decane 1-phenyl-pentan-1-one					124-18-5 1009-14-9	
$T/^\circ C = 25.0$									78D1
x_2	0.0000	0.2753	0.3131	0.3877	0.4488	0.4871	0.5327	0.5876	0.6551
$\nu/(mm^2/s)$	1.160	1.296	1.328	1.400	1.467	1.514	1.574	1.655	1.768
x_2	0.7402	0.7916	0.8507	0.9190	1.0000				
$\nu/(mm^2/s)$	1.935	2.051	2.204	2.413	2.708				
2749	C₁₀H₂₂ (1) C₁₁H₂₄ (2)		decane undecane					124-18-5 1120-21-4	
$T/K = 298.15$									95A7
x_1	0.0000	0.1074	0.2094	0.3054	0.4086	0.5085	0.6080	0.7092	0.8045
$\eta/(mPa\ s)$	1.0841	1.0562	1.0305	1.0094	0.9854	0.9556	0.9393	0.9206	0.9013
x_1	0.9056	1.0000							
$\eta/(mPa\ s)$	0.8680	0.8459							
2750	C₁₀H₂₂ (1) C₁₂H₂₆ (2)		decane dodecane					124-18-5 112-40-3	
$T/K = 298.15$									95A7
x_1	0.0000	0.1071	0.2012	0.3014	0.4079	0.5077	0.6096	0.7085	0.8052
$\eta/(mPa\ s)$	1.3791	1.2943	1.2431	1.1977	1.1464	1.0922	1.0357	0.9801	0.9488
x_1	0.9045	1.0000							
$\eta/(mPa\ s)$	0.9028	0.8459							
$T/K = 298.15$									90C1
x_1	0.0000	0.2000	0.5001	0.8003	1.0000				
$\nu/(mm^2/s)$	1.804	1.658	1.461	1.276	1.161				

2751	C₁₀H₂₂ (1)	C₁₃H₂₈ (2)	decane					124-18-5		
			tridecane					629-50-5		
<i>T</i> /K = 293.15										99W6
<i>x</i> ₁	0.0000	0.0987	0.1990	0.2995	0.3997	0.4986	0.5974	0.7015	0.7973	
<i>η</i> /(mPa s)	1.863	1.750	1.640	1.532	1.433	1.338	1.247	1.155	1.075	
<i>x</i> ₁	0.9014	1.0000								
<i>η</i> /(mPa s)	0.992	0.9180								
<i>T</i> /K = 298.15										99W6
<i>x</i> ₁	0.0000	0.0939	0.1985	0.2931	0.3988	0.5031	0.5995	0.7013	0.8001	
<i>η</i> /(mPa s)	1.688	1.594	1.493	1.405	1.311	1.222	1.144	1.067	0.9901	
<i>x</i> ₁	0.9011	1.0000								
<i>η</i> /(mPa s)	0.9179	0.8505								
<i>T</i> /K = 308.15										99W5
<i>x</i> ₁	0.0000	0.0991	0.1956	0.2991	0.3993	0.5073	0.5962	0.6991	0.8037	
<i>η</i> /(mPa s)	1.4059	1.3293	1.2555	1.1806	1.1105	1.0371	0.9795	0.9147	0.8515	
<i>x</i> ₁	0.8994	1.0000								
<i>η</i> /(mPa s)	0.7963	0.7406								
<i>T</i> /K = 313.15										99W5
<i>x</i> ₁	0.0000	0.1001	0.1979	0.2988	0.3996	0.5025	0.5994	0.6995	0.7980	
<i>η</i> /(mPa s)	1.2920	1.2223	1.1565	1.0909	1.0271	0.9645	0.9078	0.8508	0.7971	
<i>x</i> ₁	0.9013	1.0000								
<i>η</i> /(mPa s)	0.7427	0.6923								
<i>T</i> /K = 293.15										99W6
<i>x</i> ₁	0.0000	0.0987	0.1990	0.2995	0.3997	0.4986	0.5974	0.7015	0.7973	
<i>v</i> /(mm ² /s)	2.464	2.321	2.182	2.045	1.918	1.797	1.681	1.563	1.460	
<i>x</i> ₁	0.9014	1.0000								
<i>v</i> /(mm ² /s)	1.354	1.258								
<i>T</i> /K = 298.15										99W6
<i>x</i> ₁	0.0000	0.0939	0.1985	0.2931	0.3988	0.5031	0.5995	0.7013	0.8001	
<i>v</i> /(mm ² /s)	2.243	2.124	1.995	1.884	1.764	1.650	1.550	1.451	1.352	
<i>x</i> ₁	0.9011	1.0000								
<i>v</i> /(mm ² /s)	1.259	1.172								
<i>T</i> /K = 308.15										99W5
<i>x</i> ₁	0.0000	0.0991	0.1956	0.2991	0.3993	0.5073	0.5962	0.6991	0.8037	
<i>v</i> /(mm ² /s)	1.8856	1.7880	1.6936	1.5979	1.5082	1.4138	1.3397	1.2561	1.1744	
<i>x</i> ₁	0.8994	1.0000								
<i>v</i> /(mm ² /s)	1.1029	1.0306								
<i>T</i> /K = 313.15										99W5

x_1	0.0000	0.1001	0.1979	0.2988	0.3996	0.5025	0.5994	0.6995	0.7980
$\nu /(\text{mm}^2/\text{s})$	1.7410	1.6520	1.5678	1.4837	1.4017	1.3212	1.2480	1.1743	1.1048
x_1	0.9013	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.0341	0.9685							
2752	C₁₀H₂₂ (1) C₁₄H₃₀ (2)		decane tetradecane						124-18-5 629-59-4
$T/\text{K} = 298.15$									90C1
x_1	0.0000	0.2001	0.5000	0.7973	1.0000				
$\nu /(\text{mm}^2/\text{s})$	2.716	2.308	1.836	1.410	1.161				
2753	C₁₀H₂₂ (1) C₁₅H₃₂ (2)		decane pentadecane						124-18-5 629-62-9
$T/\text{K} = 293.15$									99W6
x_1	0.0000	0.0958	0.1989	0.2947	0.3865	0.4839	0.5780	0.6958	0.7980
$\eta /(\text{mPa s})$	2.841	2.593	2.348	2.131	1.934	1.741	1.567	1.357	1.201
x_1	0.9126	1.0000							
$\eta /(\text{mPa s})$	1.033	0.9183							
$T/\text{K} = 298.15$									99W6
x_1	0.0000	0.0973	0.1999	0.2983	0.3925	0.4933	0.6025	0.7033	0.8079
$\eta /(\text{mPa s})$	2.534	2.322	2.108	1.916	1.743	1.567	1.390	1.239	1.092
x_1	0.9014	1.0000							
$\eta /(\text{mPa s})$	0.9696	0.8505							
$T/\text{K} = 308.15$									99W5
x_1	0.0000	0.1015	0.1942	0.3018	0.4026	0.5033	0.6010	0.7040	0.8051
$\eta /(\text{mPa s})$	2.0559	1.8891	1.7409	1.5797	1.4351	1.2997	1.1764	1.0521	0.9388
x_1	0.9044	1.0000							
$\eta /(\text{mPa s})$	0.8342	0.7406							
$T/\text{K} = 313.15$									99W5
x_1	0.0000	0.0999	0.1932	0.3013	0.4013	0.5059	0.5986	0.7028	0.8009
$\eta /(\text{mPa s})$	1.8682	1.7329	1.5927	1.4482	1.3215	1.1959	1.0901	0.9733	0.8780
x_1	0.8988	1.0000							
$\eta /(\text{mPa s})$	0.7836	0.6924							
$T/\text{K} = 293.15$									99W6
x_1	0.0000	0.0958	0.1989	0.2947	0.3865	0.4839	0.5780	0.6958	0.7980
$\nu /(\text{mm}^2/\text{s})$	3.698	3.387	3.079	2.806	2.557	2.312	2.091	1.823	1.622
x_1	0.9126	1.0000							
$\nu /(\text{mm}^2/\text{s})$	1.407	1.258							

$T/K = 298.15$										99W6
x_1	0.0000	0.0973	0.1999	0.2983	0.3925	0.4933	0.6025	0.7033	0.8079	
$\nu /(\text{mm}^2/\text{s})$	3.314	3.047	2.776	2.534	2.315	2.091	1.866	1.672	1.483	
x_1	0.9014	1.0000								
$\nu /(\text{mm}^2/\text{s})$	1.326	1.172								
$T/K = 308.15$										99W5
x_1	0.0000	0.1015	0.1942	0.3018	0.4026	0.5033	0.6010	0.7040	0.8051	
$\nu /(\text{mm}^2/\text{s})$	2.7124	2.5017	2.3139	2.1093	1.9252	1.7522	1.5943	1.4343	1.2880	
x_1	0.9044	1.0000								
$\nu /(\text{mm}^2/\text{s})$	1.1524	1.0306								
$T/K = 313.15$										99W5
x_1	0.0000	0.0999	0.1932	0.3013	0.4013	0.5059	0.5986	0.7028	0.8009	
$\nu /(\text{mm}^2/\text{s})$	2.4757	2.2918	2.1265	1.9424	1.7807	1.5200	1.4840	1.3387	1.2103	
x_1	0.8988	1.0000								
$\nu /(\text{mm}^2/\text{s})$	1.0876	0.9685								
2754	C₁₀H₂₂ (1)		decane							124-18-5
	C₁₆H₃₄ (2)		hexadecane							544-76-3
$T/K = 298.15$										95A7
x_1	0.0000	0.1051	0.2075	0.3045	0.4045	0.5081	0.6095	0.7051	0.8037	
$\eta /(\text{mPa s})$	3.0930	2.7492	2.4810	2.1999	1.9760	1.7331	1.5301	1.3364	1.1702	
x_1	0.9041	1.0000								
$\eta /(\text{mPa s})$	0.9885	0.8459								
$T/^\circ\text{C} = 40.0$										86D3
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta /(\text{mPa s})$	2.23	1.60	1.18	0.90	0.696					
$T/^\circ\text{C} = 60.0$										86D3
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta /(\text{mPa s})$	1.56	1.17	0.89	0.69	0.546					
$T/^\circ\text{C} = 80.0$										86D3
w_1	0.00	0.25	0.50	0.75	1.00					
$\eta /(\text{mPa s})$	1.16	0.89	0.69	0.55	0.441					
A table is given in Ref. 86D3 for pressures up to 100 MPa.										86D3
$T/K = 298.15$										90C1
x_1	0.0000	0.2028	0.5000	0.7998	1.0000					
$\nu /(\text{mm}^2/\text{s})$	3.958	3.206	2.308	1.562	1.161					
2755	C₁₀H₂₂ (1)		decane							124-18-5

	C₁₈H₃₇Cl (2)		1-chloro-octadecane					3386-33-2	
$T/^\circ\text{C} = 25.0$									86A2
x_1	0.0000	0.1067	0.2123	0.3131	0.3996	0.5080	0.6105	0.7027	0.8012
$\eta/(\text{mPa s})$	7.335	6.162	5.192	4.379	3.651	2.885	2.385	1.919	1.487
x_1	0.8979	1.0000							
$\eta/(\text{mPa s})$	1.145	0.8582							
2756	C₁₀H₂₂ (1) C₂₀H₄₀O₂ (2)		2,7-dimethyl-octane octadecanoic acid ethyl ester					1072-16-8 111-61-5	
$T/^\circ\text{C} = 40.0$									61T2
x_2	0.0	0.25	0.50	0.75	1.00				
$\eta/(\text{mPa s})$	0.62	1.37	2.40	3.77	5.34				
$T/^\circ\text{C} = 60.0$									61T2
x_2	0.0	0.25	0.50	0.75	1.00				
$\eta/(\text{mPa s})$	0.49	1.01	1.69	2.53	3.45				
2757	C₁₀H₂₂O (1) C₁₁H₂₄O (2)		decan-1-ol undecan-1-ol					112-30-1 112-42-5	
$T/\text{K} = 293.15$									99S2
x_1	0.0000	0.1426	0.2980	0.4429	0.6078	0.7275	0.8890	1.0000	
$\eta/(\text{mPa s})$	16.952	16.467	16.109	15.704	15.365	15.081	14.712	14.548	
$T/\text{K} = 298.15$									99S2
x_1	0.0000	0.1426	0.2980	0.4429	0.6078	0.7275	0.8890	1.0000	
$\eta/(\text{mPa s})$	13.830	13.436	13.143	12.835	12.592	12.329	12.041	11.829	
$T/\text{K} = 308.15$									98S1
x_1	0.0000	0.1426	0.2980	0.4429	0.6078	0.7275	0.8890	1.0000	
$\eta/(\text{mPa s})$	9.380	9.149	8.938	8.756	8.600	8.447	8.257	8.174	
$T/\text{K} = 313.15$									98S1
x_1	0.0000	0.1426	0.2980	0.4429	0.6078	0.7275	0.8890	1.0000	
$\eta/(\text{mPa s})$	7.837	7.676	7.509	7.350	7.201	7.091	6.924	6.841	
$T/\text{K} = 293.15$									99S2
x_1	0.0000	0.1426	0.2980	0.4429	0.6078	0.7275	0.8890	1.0000	
$\nu/(\text{mm}^2/\text{s})$	20.362	19.784	19.362	18.882	18.484	18.150	17.716	17.525	
$T/\text{K} = 298.15$									99S2
x_1	0.0000	0.1426	0.2980	0.4429	0.6078	0.7275	0.8890	1.0000	
$\nu/(\text{mm}^2/\text{s})$	16.681	16.210	15.862	15.497	15.211	14.899	14.558	14.308	
$T/\text{K} = 308.15$									98S1

x_1	0.0000	0.1426	0.2980	0.4429	0.6078	0.7275	0.8890	1.0000	
$v/(mm^2/s)$	11.406	11.130	10.877	10.660	10.475	10.293	10.067	9.969	
$T/K = 313.15$									98S1
x_1	0.0000	0.1426	0.2980	0.4429	0.6078	0.7275	0.8890	1.0000	
$v/(mm^2/s)$	9.569	9.374	9.174	8.983	8.806	8.675	8.475	8.376	
2758	C₁₀H₂₂O (1) C₁₂H₂₇O₄P (2)	decan-1-ol phosphoric acid tributyl ester						112-30-1 126-73-8	
$T/K = 303.15$									95D2
x_2	0.00	0.07	0.14	0.30	0.50	0.72	0.86	1.00	
$\eta/(mPa\ s)$	9.35	7.77	6.89	5.48	4.45	3.65	3.36	2.82	
$T/K = 303.15$									93R3
x_2	0.00	0.07	0.14	0.30	0.50	0.72	0.86	1.00	
$\eta/(mPa\ s)$	9.35	7.77	6.89	5.48	4.45	3.65	3.36	2.82	
2759	C₁₀H₂₂O₅ (1) C₁₂H₂₆ (2)	1,11-dimethoxy-3,6,9-trioxa-undecane dodecane						143-24-8 112-40-3	
$T/K = 298.15$									99B2
x_1	0.000	0.051	0.103	0.203	0.744	0.803	0.910	1.000	
$v/(mm^2/s)$	1.844	1.900	1.913	1.994	2.836	2.909	3.140	3.422	
$T/K = 323.15$									99B2
x_1	0.000	0.108	0.209	0.309	0.386	0.509	0.607	0.706	0.805
$v/(mm^2/s)$	1.269	1.292	1.322	1.371	1.432	1.501	1.582	1.663	1.759
x_1	0.885	1.000							
$v/(mm^2/s)$	1.860	2.020							
2760	C₁₁H₂₄ (1) C₁₂H₂₆ (2)	undecane dodecane						1120-21-4 112-40-3	
$T/K = 298.15$									95A7
x_1	0.0000	0.1060	0.2057	0.3093	0.4136	0.5553	0.6095	0.7174	0.8145
$\eta/(mPa\ s)$	1.3791	1.3144	1.2972	1.2525	1.2365	1.1960	1.1753	1.1425	1.1265
x_1	0.9084	1.0000							
$\eta/(mPa\ s)$	1.1095	1.0841							
2761	C₁₁H₂₄ (1) C₁₃H₂₈ (2)	undecane tridecane						1120-21-4 629-50-5	
$T/K = 293.15$									99W6

x_1	0.0000	0.1389	0.2035	0.3044	0.4076	0.4924	0.5897	0.7108	0.8027
η /(mPa s)	1.863	1.754	1.705	1.632	1.558	1.498	1.433	1.355	1.294
x_1	0.8980	1.0000							
η /(mPa s)	1.236	1.174							
T /K = 298.15									99W6
x_1	0.0000	0.1023	0.2031	0.2991	0.3981	0.4981	0.5976	0.7028	0.8000
η /(mPa s)	1.688	1.619	1.549	1.487	1.423	1.362	1.304	1.244	1.189
x_1	0.9004	1.0000							
η /(mPa s)	1.134	1.081							
T /K = 308.15									99W5
x_1	0.0000	0.1051	0.1986	0.2953	0.3954	0.5039	0.5908	0.6994	0.7972
η /(mPa s)	1.4060	1.3497	1.3012	1.2522	1.2033	1.1502	1.1091	1.0594	1.0144
x_1	0.9027	1.0000							
η /(mPa s)	0.9681	0.9274							
T /K = 313.15									99W5
x_1	0.0000	0.1040	0.1964	0.2972	0.3982	0.5078	0.5968	0.7018	0.7985
η /(mPa s)	1.2921	1.2425	1.1991	1.1535	1.1093	1.0615	1.0234	0.9799	0.9408
x_1	0.9009	1.0000							
η /(mPa s)	0.9004	0.8633							
T /K = 293.15									99W6
x_1	0.0000	0.1389	0.2035	0.3044	0.4076	0.4924	0.5897	0.7108	0.8027
ν /(mm ² /s)	2.464	2.326	2.264	2.170	2.076	2.001	1.918	1.818	1.740
x_1	0.8980	1.0000							
ν /(mm ² /s)	1.666	1.587							
T /K = 298.15									99W6
x_1	0.0000	0.1023	0.2031	0.2991	0.3981	0.4981	0.5976	0.7028	0.8000
ν /(mm ² /s)	2.243	2.155	2.067	1.988	1.906	1.828	1.754	1.677	1.607
x_1	0.9004	1.0000							
ν /(mm ² /s)	1.536	1.468							
T /K = 308.15									99W5
x_1	0.0000	0.1051	0.1986	0.2953	0.3954	0.5039	0.5908	0.6994	0.7972
ν /(mm ² /s)	1.8856	1.8138	1.7519	1.6892	1.6267	1.5587	1.5059	1.4420	1.3841
x_1	0.9027	1.0000							
ν /(mm ² /s)	1.3244	1.2719							
T /K = 313.15									99W5
x_1	0.0000	0.1040	0.1964	0.2972	0.3982	0.5078	0.5968	0.7018	0.7985
ν /(mm ² /s)	1.7410	1.6777	1.6220	1.5636	1.5069	1.4455	1.3965	1.3404	1.2900
x_1	0.9009	1.0000							
ν /(mm ² /s)	1.2378	1.1899							

2762	C₁₁H₂₄ (1)	C₁₅H₃₂ (2)	undecane					1120-21-4		
			pentadecane					629-62-9		
<i>T</i> /K = 293.15										99W6
<i>x</i> ₁	0.0000	0.1013	0.2015	0.3004	0.4036	0.5046	0.6010	0.7004	0.8000	
<i>η</i> /(mPa s)	2.841	2.626	2.428	2.242	2.060	1.896	1.731	1.579	1.435	
<i>x</i> ₁	0.8974	1.0000								
<i>η</i> /(mPa s)	1.304	1.174								
<i>T</i> /K = 298.15										99W6
<i>x</i> ₁	0.0000	0.1026	0.2004	0.2994	0.3983	0.5079	0.5973	0.7022	0.7975	
<i>η</i> /(mPa s)	2.534	2.351	2.183	2.021	1.866	1.705	1.578	1.445	1.320	
<i>x</i> ₁	0.9019	1.0000								
<i>η</i> /(mPa s)	1.192	1.081								
<i>T</i> /K = 308.15										99W5
<i>x</i> ₁	0.0000	0.1005	0.1976	0.3007	0.4013	0.5074	0.5964	0.7036	0.7972	
<i>η</i> /(mPa s)	2.0559	1.9204	1.7930	1.6646	1.5424	1.4211	1.3228	1.2100	1.1159	
<i>x</i> ₁	0.9014	1.0000								
<i>η</i> /(mPa s)	1.0159	0.9273								
<i>T</i> /K = 313.15										99W5
<i>x</i> ₁	0.0000	0.0989	0.1959	0.2996	0.3974	0.4945	0.5890	0.7019	0.7983	
<i>η</i> /(mPa s)	1.8681	1.7504	1.6384	1.5232	1.4180	1.3189	1.2256	1.1242	1.0320	
<i>x</i> ₁	0.9013	1.0000								
<i>η</i> /(mPa s)	0.9429	0.8633								
<i>T</i> /K = 293.15										99W6
<i>x</i> ₁	0.0000	0.1013	0.2015	0.3004	0.4036	0.5046	0.6010	0.7004	0.8000	
<i>v</i> /(mm ² /s)	3.698	3.428	3.179	2.945	2.715	2.508	2.298	2.104	1.921	
<i>x</i> ₁	0.8974	1.0000								
<i>v</i> /(mm ² /s)	1.754	1.587								
<i>T</i> /K = 298.15										99W6
<i>x</i> ₁	0.0000	0.1026	0.2004	0.2994	0.3983	0.5079	0.5973	0.7022	0.7975	
<i>v</i> /(mm ² /s)	3.314	3.083	2.871	2.667	2.470	2.266	2.105	1.936	1.775	
<i>x</i> ₁	0.9019	1.0000								
<i>v</i> /(mm ² /s)	1.610	1.468								
<i>T</i> /K = 308.15										99W5
<i>x</i> ₁	0.0000	0.1005	0.1976	0.3007	0.4013	0.5074	0.5964	0.7036	0.7972	
<i>v</i> /(mm ² /s)	2.7124	2.5412	2.3797	2.2167	2.0612	1.9066	1.7809	1.6362	1.5154	
<i>x</i> ₁	0.9014	1.0000								
<i>v</i> /(mm ² /s)	1.3864	1.2719								

$T/K = 313.15$										99W5
x_1	0.0000	0.0989	0.1959	0.2996	0.3974	0.4945	0.5890	0.7019	0.7983	
$\nu /(\text{mm}^2/\text{s})$	2.4757	2.3266	2.1843	2.0378	1.9035	1.7769	1.6573	1.5275	1.4083	
x_1	0.9013	1.0000								
$\nu /(\text{mm}^2/\text{s})$	1.2931	1.1899								
2763	C₁₁H₂₄ (1) C₁₆H₃₄ (2)		undecane hexadecane							1120-21-4 544-76-3
$T/K = 298.15$										95A7
x_1	0.0000	0.1095	0.2008	0.3116	0.4052	0.5071	0.6081	0.7051	0.8060	
$\eta /(\text{mPa s})$	3.0930	2.7830	2.5490	2.3154	2.1081	1.9046	1.7229	1.5341	1.3633	
x_1	0.9031	1.0000								
$\eta /(\text{mPa s})$	1.2093	1.0841								
2764	C₁₂H₂₄O₂ (1) C₁₄H₂₈O₂ (2)		dodecanoic acid tetradecanoic acid							143-07-7 544-63-8
$T/^\circ\text{C} = 70.0$										76F1
x_1	0.00	0.20	0.80	1.00						
$\eta /(\text{mPa s})$	5.984	5.619	4.679	4.415						
$T/^\circ\text{C} = 80.0$										76F1
x_1	0.00	0.20	0.80	1.00						
$\eta /(\text{mPa s})$	4.791	4.529	3.800	3.602						
$T/^\circ\text{C} = 90.0$										76F1
x_1	0.00	0.20	0.80	1.00						
$\eta /(\text{mPa s})$	3.906	3.721	3.148	2.982						
$T/^\circ\text{C} = 60.0$										97V1
x_1	0.0000	0.2730	0.5308	0.7742	1.0000					
$\nu /(\text{mm}^2/\text{s})$	8.5344	8.2267	7.5788	6.9701	6.3157					
$T/^\circ\text{C} = 70.0$										97V1
x_1	0.0000	0.2730	0.5308	0.7742	1.0000					
$\nu /(\text{mm}^2/\text{s})$	6.7729	6.5152	6.0331	5.5782	5.1075					
$T/^\circ\text{C} = 80.0$										97V1
x_1	0.0000	0.2730	0.5308	0.7742	1.0000					
$\nu /(\text{mm}^2/\text{s})$	5.4988	5.3903	4.9317	4.5891	4.1202					
$T/^\circ\text{C} = 90.0$										97V1
x_1	0.0000	0.2730	0.5308	0.7742	1.0000					
$\nu /(\text{mm}^2/\text{s})$	4.5312	4.4050	4.1255	3.8235	3.5288					

2765	C₁₂H₂₄O₂ (1) C₁₆H₃₂O₂ (2)	dodecanoic acid hexadecanoic acid								143-07-7 57-10-3
$T/^\circ\text{C} = 70.0$								76F1		
x_1	0.00	0.20	0.80	1.00						
$\eta/(\text{mPa s})$	7.682	6.990	4.989	4.415						
$T/^\circ\text{C} = 80.0$								76F1		
x_1	0.00	0.20	0.80	1.00						
$\eta/(\text{mPa s})$	6.082	5.584	4.032	3.602						
$T/^\circ\text{C} = 90.0$								76F1		
x_1	0.00	0.20	0.80	1.00						
$\eta/(\text{mPa s})$	4.885	4.536	3.329	2.982						
2766	C₁₂H₂₄O₂ (1) C₁₈H₃₆O₂ (2)	dodecanoic acid octadecanoic acid								143-07-7 57-11-4
$T/^\circ\text{C} = 70.0$								76F1		
x_1	0.00	0.20	0.80	1.00						
$\eta/(\text{mPa s})$	9.583	8.537	5.377	4.415						
$T/^\circ\text{C} = 80.0$								76F1		
x_1	0.00	0.20	0.80	1.00						
$\eta/(\text{mPa s})$	7.794	6.855	4.328	3.602						
$T/^\circ\text{C} = 90.0$								76F1		
x_1	0.00	0.20	0.80	1.00						
$\eta/(\text{mPa s})$	6.294	5.531	3.558	2.982						
2767	C₁₂H₂₅Cl (1) C₁₆H₃₄ (2)	1-chloro-dodecane hexadecane								112-52-7 544-76-3
$T/^\circ\text{C} = 25.0$								69C2		
x_2	0.0000	0.1515	0.1862	0.2216	0.3003	0.4930	0.4970	0.5030	0.5038	
$\nu/(\text{mm}^2/\text{s})$	3.089	3.200	3.207	3.234	3.294	3.449	3.455	3.457	3.459	
x_2	0.5553	0.6988	0.8222	0.8423	0.8458	0.8918	1.0000			
$\nu/(\text{mm}^2/\text{s})$	3.502	3.650	3.757	3.787	3.791	3.841	3.970			
2768	C₁₂H₂₆ (1) C₁₂H₂₆O₃ (2)	dodecane bis-(2-butoxy-ethyl) ether								112-40-3 112-73-2
$T/\text{K} = 298.15$								99B2		
x_2	0.000	0.093	0.193	0.311	0.409	0.494	0.593	0.702	0.797	
$\nu/(\text{mm}^2/\text{s})$	1.844	1.961	2.024	2.030	2.111	2.116	2.255	2.277	2.432	
x_2	0.903	1.000								

$v/(mm^2/s)$	2.511	2.575							
$T/K = 323.15$									99B2
x_2	0.000	0.099	0.205	0.310	0.405	0.502	0.606	0.700	0.808
$v/(mm^2/s)$	1.269	1.332	1.362	1.406	1.433	1.444	1.474	1.500	1.549
x_2	0.890	1.000							
$v/(mm^2/s)$	1.642	1.670							
2769	C₁₂H₂₆ (1) C₁₄H₃₀ (2)		dodecane tetradecane						112-40-3 629-59-4
$T/K = 298.15$									90C1
x_1	0.0000	0.2006	0.4999	0.7994	1.0000				
$v/(mm^2/s)$	2.716	2.500	2.230	1.962	1.804				
2770	C₁₂H₂₆ (1) C₁₆H₃₄ (2)		dodecane hexadecane						112-40-3 544-76-3
$T/K = 298.15$									95A7
x_1	0.0000	0.1077	0.2113	0.3061	0.4097	0.5073	0.6082	0.7053	0.8045
$\eta/(mPa\ s)$	3.0930	2.8209	2.6426	2.4667	2.2808	2.1020	1.9359	1.7671	1.6361
x_1	0.9050	1.0000							
$\eta/(mPa\ s)$	1.4756	1.3791							
$T/K = 298.15$									90C1
x_1	0.0000	0.2005	0.5001	0.7993	1.0000				
$v/(mm^2/s)$	3.958	3.426	2.729	2.144	1.804				
2771	C₁₂H₂₆ (1) C₁₈H₃₇Cl (2)		dodecane 1-chloro-octadecane						112-40-3 3386-33-2
$T/^\circ C = 25.0$									86A2
x_1	0.0000	0.1097	0.2096	0.3134	0.4067	0.5044	0.6047	0.6853	0.8050
$\eta/(mPa\ s)$	7.335	6.289	5.429	4.684	4.000	3.481	2.887	2.488	2.012
x_1	0.8971	1.0000							
$\eta/(mPa\ s)$	1.662	1.364							
2772	C₁₃H₁₀O (1) C₂₀H₄₀O₂ (2)		benzophenone octadecanoic acid ethyl ester						119-61-9 111-61-5
$T/^\circ C = 40.0$									61T2
x_2	0.0	0.25	0.50	0.75	1.00				
$\eta/(mPa\ s)$	7.76	6.14	5.52	5.32	5.34				
$T/^\circ C = 60.0$									61T2

x_2	0.0	0.25	0.50	0.75	1.00
η /(mPa s)	4.11	3.72	3.49	3.40	3.45

2773 **C₁₃H₁₂ (1)** **diphenylmethane** **101-81-5**
C₂₀H₄₀O₂ (2) **octadecanoic acid ethyl ester** **111-61-5**

$T/^\circ\text{C} = 40.0$ 61T2

x_2	0.0	0.25	0.50	0.75	1.00
η /(mPa s)	2.10	2.82	3.60	4.44	5.34

$T/^\circ\text{C} = 60.0$ 61T2

x_2	0.0	0.25	0.50	0.75	1.00
η /(mPa s)	1.51	1.99	2.47	2.95	3.45

2774 **C₁₃H₂₈ (1)** **tridecane** **629-50-5**
C₁₅H₃₂ (2) **pentadecane** **629-62-9**

$T/\text{K} = 293.15$ 99W6

x_1	0.0000	0.1030	0.2020	0.3023	0.3967	0.5078	0.5972	0.7003	0.8019
η /(mPa s)	2.841	2.728	2.618	2.517	2.418	2.310	2.223	2.131	2.038

x_1	0.9018	1.0000
η /(mPa s)	1.948	1.863

$T/\text{K} = 298.15$ 99W6

x_1	0.0000	0.1000	0.2001	0.2975	0.3984	0.5000	0.5985	0.7037	0.8004
η /(mPa s)	2.534	2.439	2.349	2.260	2.172	2.085	2.003	1.917	1.840

x_1	0.8983	1.0000
η /(mPa s)	1.768	1.688

$T/\text{K} = 308.15$ 99W5

x_1	0.0000	0.1004	0.2017	0.2979	0.3944	0.4994	0.5935	0.7015	0.8030
η /(mPa s)	2.0560	1.9862	1.8150	1.8486	1.7848	1.7151	1.6554	1.5872	1.5241

x_1	0.9036	1.0000
η /(mPa s)	1.4637	1.4060

$T/\text{K} = 313.15$ 99W5

x_1	0.0000	0.1024	0.1963	0.3028	0.4019	0.4997	0.5970	0.7040	0.8017
η /(mPa s)	1.8680	1.8043	1.7458	1.6812	1.6227	1.5660	1.5098	1.4510	1.3970

x_1	0.8985	1.0000
η /(mPa s)	1.3454	1.2920

$T/\text{K} = 293.15$ 99W6

x_1	0.0000	0.1030	0.2020	0.3023	0.3967	0.5078	0.5972	0.7003	0.8019
ν /(mm ² /s)	3.698	3.556	3.418	3.291	3.166	3.030	2.920	2.804	2.685

x_1	0.9018	1.0000
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ν /(mm ² /s)	2.572	2.464							
T /K = 298.15									99W6
x_1	0.0000	0.1000	0.2001	0.2975	0.3984	0.5000	0.5985	0.7037	0.8004
ν /(mm ² /s)	3.314	3.194	3.079	2.968	2.856	2.746	2.643	2.533	2.436
x_1	0.8983	1.0000							
ν /(mm ² /s)	2.345	2.243							
T /K = 308.15									99W5
x_1	0.0000	0.1004	0.2017	0.2979	0.3944	0.4994	0.5935	0.7015	0.8030
ν /(mm ² /s)	2.7124	2.6242	2.5339	2.4997	2.3687	2.2800	2.2037	2.1172	2.0367
x_1	0.9036	1.0000							
ν /(mm ² /s)	1.9595	1.8856							
T /K = 313.15									99W5
x_1	0.0000	0.1024	0.1963	0.3028	0.4019	0.4997	0.5970	0.7040	0.8017
ν /(mm ² /s)	2.4757	2.3948	2.3204	2.2383	2.1637	2.0916	2.0198	1.9446	1.8756
x_1	0.8985	1.0000							
ν /(mm ² /s)	1.8095	1.7410							
2775	C₁₄H₂₈O₂ (1)	C₁₆H₃₂O₂ (2)	tetradecanoic acid	hexadecanoic acid					544-63-8 57-10-3
T /°C = 70.0									76F1
x_1	0.00	0.20	0.80	1.00					
η /(mPa s)	7.682	7.255	6.308	5.984					
T /°C = 80.0									76F1
x_1	0.00	0.20	0.80	1.00					
η /(mPa s)	6.082	5.789	5.024	4.791					
T /°C = 90.0									76F1
x_1	0.00	0.20	0.80	1.00					
η /(mPa s)	4.885	4.681	4.139	3.906					
T /°C = 70.0									97V1
x_1	0.0000	0.2732	0.5277	0.7705	1.0000				
ν /(mm ² /s)	9.0718	8.4036	7.9055	7.5926	6.7729				
T /°C = 80.0									97V1
x_1	0.0000	0.2732	0.5277	0.7705	1.0000				
ν /(mm ² /s)	7.4113	6.6319	6.4139	6.3927	5.4988				
T /°C = 90.0									97V1
x_1	0.0000	0.2732	0.5277	0.7705	1.0000				
ν /(mm ² /s)	6.0323	5.4247	5.2754	5.3005	4.5312				

2776	C₁₄H₂₈O₂ (1)		tetradecanoic acid					544-63-8		
	C₁₈H₃₆O₂ (2)		octadecanoic acid					57-11-4		
<i>T</i> /°C = 70.0										76F1
<i>x</i> ₁	0.00	0.20	0.80	1.00						
<i>η</i> /(mPa s)	9.583	8.924	6.713	5.984						
<i>T</i> /°C = 80.0										76F1
<i>x</i> ₁	0.00	0.20	0.80	1.00						
<i>η</i> /(mPa s)	7.794	7.120	5.342	4.791						
<i>T</i> /°C = 90.0										76F1
<i>x</i> ₁	0.00	0.20	0.80	1.00						
<i>η</i> /(mPa s)	6.294	5.691	4.367	3.906						
2777	C₁₄H₂₉Cl (1)		1-chloro-tetradecane					2425-54-9		
	C₁₆H₃₄ (2)		hexadecane					544-76-3		
<i>T</i> /°C = 25.0										69C2
<i>x</i> ₂	0.0000	0.1514	0.3014	0.4365	0.5484	0.6928	0.8300	0.8527	1.0000	
<i>v</i> /(mm ² /s)	4.496	4.366	4.251	4.168	4.115	4.044	4.002	3.994	3.970	
2778	C₁₄H₃₀ (1)		tetradecane					629-59-4		
	C₁₆H₃₄ (2)		hexadecane					544-76-3		
<i>T</i> /°C = 20.0										98D1
<i>x</i> ₁	0.0	0.25	0.50	0.75	1.0					
<i>η</i> /(mPa s)	3.425	3.067	2.789	2.529	2.292					
<i>T</i> /K = 293.15										91C2
<i>x</i> ₁	0.0000	0.1033	0.1978	0.3009	0.4068	0.4958	0.5946	0.7031	0.7993	
<i>η</i> /(mPa s)	3.4465	3.3100	3.1948	3.0663	2.9396	2.8361	2.7274	2.6069	2.5067	
<i>x</i> ₁	0.9033	1.0000								
<i>η</i> /(mPa s)	2.4022	2.3037								
<i>T</i> /K = 293.15										91C2
<i>x</i> ₁	0.0000	0.1033	0.1978	0.3009	0.4068	0.4958	0.5946	0.7031	0.7993	
<i>v</i> /(mm ² /s)	4.4613	4.2891	4.1440	3.9820	3.8227	3.6922	3.5555	3.4067	3.2766	
<i>x</i> ₁	0.9033	1.0000								
<i>v</i> /(mm ² /s)	3.1442	3.0189								
<i>T</i> /K = 298.15										90C1
<i>x</i> ₁	0.0000	0.1998	0.5002	0.7932	1.0000					
<i>v</i> /(mm ² /s)	3.958	3.660	3.280	2.929	2.716					
<i>T</i> /°C = 25.0										67H1

x_2	0.9730	0.9396	0.8920	0.7981	0.6918	0.5986	0.4642	0.3429	0.2511
$\nu /(\text{mm}^2/\text{s})$	3.8796	3.8362	3.7765	3.6600	3.5299	3.4170	3.2581	3.1200	3.0517
x_2	0.1650	0.0861							
$\nu /(\text{mm}^2/\text{s})$	2.9219	2.8351							

2779	C₁₆H₃₂O₂ (1)		hexadecanoic acid						57-10-3
	C₁₈H₃₆O₂ (2)		octadecanoic acid						57-11-4
$T/^\circ\text{C} = 70.0$									76F1
x_1	0.00	0.20	0.80	1.00					
$\eta /(\text{mPa}\cdot\text{s})$	9.583	9.360	8.060	7.682					
$T/^\circ\text{C} = 80.0$									76F1
x_1	0.00	0.20	0.80	1.00					
$\eta /(\text{mPa}\cdot\text{s})$	7.794	7.390	6.322	6.082					
$T/^\circ\text{C} = 90.0$									76F1
x_1	0.00	0.20	0.80	1.00					
$\eta /(\text{mPa}\cdot\text{s})$	6.294	5.902	5.109	4.885					
$T/^\circ\text{C} = 75.0$									97V1
x_1	0.0000	0.2715	0.5270	0.7685	1.0000				
$\nu /(\text{mm}^2/\text{s})$	9.7008	9.7194	9.3893	8.8609	8.3829				
$T/^\circ\text{C} = 80.0$									97V1
x_1	0.0000	0.2715	0.5270	0.7685	1.0000				
$\nu /(\text{mm}^2/\text{s})$	8.6771	8.6018	8.3745	7.9138	7.4113				
$T/^\circ\text{C} = 85.0$									97V1
x_1	0.0000	0.2715	0.5270	0.7685	1.0000				
$\nu /(\text{mm}^2/\text{s})$	7.8771	7.7339	7.5352	7.1343	6.7140				
$T/^\circ\text{C} = 90.0$									97V1
x_1	0.0000	0.2715	0.5270	0.7685	1.0000				
$\nu /(\text{mm}^2/\text{s})$	7.0287	6.9813	6.8412	6.4445	6.0323				

2780	C₁₆H₃₃Cl (1)		1-chloro-hexadecane						4860-03-1
	C₁₆H₃₄ (2)		hexadecane						544-76-3
$T/^\circ\text{C} = 25.0$									69C2
x_2	0.0000	0.1550	0.2969	0.4487	0.5536	0.7085	0.8447	0.8532	1.0000
$\nu /(\text{mm}^2/\text{s})$	6.299	5.817	5.429	5.056	4.812	4.477	4.237	4.209	3.970

2781	C₁₆H₃₃Cl (1)		1-chloro-hexadecane						4860-03-1
	C₁₈H₃₇Cl (2)		1-chloro-octadecane						3386-33-2

$T/^\circ\text{C} = 25.0$										71C1
x_2	0.0000	0.4625	0.4934	0.5449	1.0000					
$\nu/(\text{mm}^2/\text{s})$	6.299	7.320	7.390	7.505	8.590					
2782	$\text{C}_{16}\text{H}_{34}$ (1) $\text{C}_{16}\text{H}_{34}$ (2)		2,2,4,4,6,8,8-heptamethyl-nonane hexadecane							4390-04-9 544-76-3
$T/\text{K} = 298.15$										99F1
x_2	0.0000	0.0974	0.2011	0.3015	0.3995	0.4995	0.6002	0.7004	0.8000	
$\eta/(\text{mPa s})$	3.3428	3.2522	3.1815	3.1275	3.0897	3.0642	3.0496	3.0449	3.0492	
x_2	1.0000									
$\eta/(\text{mPa s})$	3.0811									
$T/\text{K} = 298.15$										99F1
x_2	0.0000	0.0974	0.2011	0.3015	0.3995	0.4995	0.6002	0.7004	0.8000	
$\nu/(\text{mm}^2/\text{s})$	4.2791	4.1697	4.0856	4.0224	3.9797	3.9526	3.9394	3.9387	3.9495	
x_2	1.0000									
$\nu/(\text{mm}^2/\text{s})$	4.0010									
2783	$\text{C}_{16}\text{H}_{34}$ (1) $\text{C}_{18}\text{H}_{37}\text{Cl}$ (2)		hexadecane 1-chloro-octadecane							544-76-3 3386-33-2
$T/^\circ\text{C} = 25.0$										69C2
x_1	0.0000	0.1535	0.2941	0.4461	0.4551	0.5450	0.6982	0.8554	1.0000	
$\nu/(\text{mm}^2/\text{s})$	8.590	7.647	6.874	6.113	6.070	5.659	5.019	4.439	3.970	
2784	$\text{C}_{16}\text{H}_{34}$ (1) $\text{C}_{19}\text{H}_{40}$ (2)		hexadecane 2,4,10,14-tetramethyl-pentadecane							544-76-3 1921-70-6
$T/\text{K} = 298.15$										99F1
x_1	0.0000	0.0966	0.1996	0.2995	0.3995	0.4994	0.5995	0.6995	0.8001	
$\eta/(\text{mPa s})$	5.4793	5.1292	4.8434	4.5648	4.3034	4.0626	3.8386	3.6309	3.4375	
x_1	0.8500	1.0000								
$\eta/(\text{mPa s})$	3.3318	3.0809								
$T/\text{K} = 298.15$										99F1
x_1	0.0000	0.0966	0.1996	0.2995	0.3995	0.4994	0.5995	0.6995	0.8001	
$\nu/(\text{mm}^2/\text{s})$	7.0328	6.5905	6.2306	5.8788	5.5486	5.2441	4.9608	4.6979	4.4530	
x_1	0.8500	1.0000								
$\nu/(\text{mm}^2/\text{s})$	4.3187	4.0008								
2785	$\text{C}_{16}\text{H}_{34}$ (1) $\text{C}_{30}\text{H}_{62}$ (2)		hexadecane 2,6,10,15,19,23-hexamethyl-tetracosane							544-76-3 111-01-3

$T/K = 298.15$										99F1
x_1	0.0000	0.0450	0.0990	0.1473	0.2008	0.2977	0.4495	0.6011	0.8001	
$\eta/(\text{mPa s})$	28.254	26.054	23.586	21.539	19.452	16.164	11.844	8.5690	5.3067	
x_1	1.0000									
$\eta/(\text{mPa s})$	3.0809									
$T/K = 298.15$										99F1
x_1	0.0000	0.0450	0.0990	0.1473	0.2008	0.2977	0.4495	0.6011	0.8001	
$\nu/(\text{mm}^2/\text{s})$	35.0899	32.3950	29.3697	26.8569	24.2926	20.2466	14.9164	10.8611	6.7976	
x_1	1.0000									
$\nu/(\text{mm}^2/\text{s})$	4.0008									
2786	C₁₈H₃₄O₂ (1) C₁₈H₃₆O₂ (2)		cis-octadec-9-enoic acid octadecanoic acid							112-79-8 57-11-4
$T/^\circ\text{C} = 75.0$										97V1
x_1	0.0000	0.2455	0.5044	0.7519						
$\nu/(\text{mm}^2/\text{s})$	9.7008	9.8888	9.0949	8.8635						
$T/^\circ\text{C} = 80.0$										97V1
x_1	0.0000	0.2455	0.5044	0.7519	1.0000					
$\nu/(\text{mm}^2/\text{s})$	8.6771	8.7067	8.1687	7.8252	6.5485					
$T/^\circ\text{C} = 85.0$										97V1
x_1	0.0000	0.2455	0.5044	0.7519						
$\nu/(\text{mm}^2/\text{s})$	7.8771	7.8148	7.3439	7.0993						
$T/^\circ\text{C} = 90.0$										97V1
x_1	0.0000	0.2455	0.5044	0.7519	1.0000					
$\nu/(\text{mm}^2/\text{s})$	7.0287	7.0352	6.6754	6.3596	5.4307					
2787	C₁₉H₂₄ (1) C₂₀H₄₀O₂ (2)		bis-(4-cumyl)-methane octadecanoic acid ethyl ester							4956-98-3 111-61-5
$T/^\circ\text{C} = 100.0$										61T1
x_2	0.0000	0.2017	0.3951	0.6061	0.8129	1.0000				
$\eta/(\text{mPa s})$	1.61	1.65	1.67	1.71	1.73	1.75				
2788	C₁₉H₂₄ (1) C₂₆H₅₀O₄ (2)		bis-(4-cumyl)-methane hexanedioic acid didecyl ester							4956-98-3 105-97-5
$T/^\circ\text{C} = 40.0$										67V1
x_2	0.0	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa s})$	4.78	6.66	8.21	9.33	10.12					

$T/^\circ\text{C} = 60.0$										67V1
x_2	0.0	0.25	0.50	0.75	1.00					
$\eta/(\text{mPa}\cdot\text{s})$	3.03	4.07	4.91	5.56	6.01					
2789	C₁₉H₄₀ (1) C₂₅H₄₄ (2)	nonadecane 1-phenyl-nonadecane							629-92-5 29136-19-4	
$T/^\circ\text{C} = 40.0$										86C1
x_1	0.0000	0.1066	0.1924	0.4330	0.4887	0.6377	0.7465	0.8251	1.0000	
$\eta/(\text{mPa}\cdot\text{s})$	8.33	7.51	7.01	5.74	5.47	4.83	4.38	4.09	3.49	
2790	C₂₅H₅₄Si (1) C₃₁H₆₆Si (2)	methyl-trioctyl-silane methyl-tridecyl-silane							3510-72-3 18769-78-3	
$x_2 = 0.000$										88O1
$T/^\circ\text{C}$	-54.0	-40.0	-18.0	38.0	99.0					
$\nu/(\text{mm}^2/\text{s})$	1417.	388.	80.11	7.98	2.35					
$x_2 = 0.333$										88O1
$T/^\circ\text{C}$	-54.0	-40.0	-18.0	38.0	99.0					
$\nu/(\text{mm}^2/\text{s})$	2067.	537.	105.1	9.66	2.72					
$x_2 = 0.667$										88O1
$T/^\circ\text{C}$	-54.0	-40.0	-18.0	38.0	99.0					
$\nu/(\text{mm}^2/\text{s})$	2937.	731.	134.6	11.50	3.11					
$x_2 = 1.000$										88O1
$T/^\circ\text{C}$	-40.0	-18.0	38.0	99.0						
$\nu/(\text{mm}^2/\text{s})$	969.	169.5	13.39	3.47						
2791	C₂₆H₅₂ (1) C₂₆H₅₄ (2)	9-cyclohexyl-eicosane 11-(2,2-dimethyl-propyl)-heneicosane							4443-61-2 55282-10-5	
$T/^\circ\text{C} = 0.0$										42S1
x_2	0.00	0.25	0.50	0.75	1.00					
$\nu/(\text{mm}^2/\text{s})$	95.02	84.45	75.07	67.06	60.07					
$T/^\circ\text{C} = 20.0$										42S1
x_2	0.00	0.25	0.50	0.75	1.00					
$\nu/(\text{mm}^2/\text{s})$	33.34	29.98	27.22	24.76	22.64					
$T/^\circ\text{C} = 37.8$										42S1
x_2	0.00	0.25	0.50	0.75	1.00					
$\nu/(\text{mm}^2/\text{s})$	16.19	14.85	13.69	12.66	11.71					
$T/^\circ\text{C} = 98.9$										42S1
x_2	0.00	0.25	0.50	0.75	1.00					

$v/(mm^2/s)$	3.52	3.35	3.18	3.04	2.89	
2792	C₂₆H₅₄ (1) C₂₆H₅₄ (2)		7-butyl-docosane 6,11-dipentyl-hexadecane			55282-15-0 15874-03-0
$T/^\circ C = 0.0$						42S1
x_2	0.00	0.25	0.50	0.75	1.00	
$v/(mm^2/s)$	50.29	53.29	56.80	60.73	65.50	
$T/^\circ C = 20.0$						42S1
x_2	0.00	0.25	0.50	0.75	1.00	
$v/(mm^2/s)$	20.50	21.12	21.84	22.70	23.78	
$T/^\circ C = 37.8$						42S1
x_2	0.00	0.25	0.50	0.75	1.00	
$v/(mm^2/s)$	11.10	11.25	11.42	11.64	11.80	
$T/^\circ C = 98.9$						42S1
x_2	0.00	0.25	0.50	0.75	1.00	
$v/(mm^2/s)$	2.93	2.90	2.84	2.82	2.74	
2793	C₂₆H₅₆Si (1) C₃₂H₆₈Si (2)		ethyl-trioctyl-silane ethyl-tridecyl-silane			83094-46-6 83094-47-7
$x_2 = 0.000$						88O1
$T/^\circ C$	-54.0	-40.0	-18.0	38.0	99.0	
$v/(mm^2/s)$	1474.	412.	87.1	8.71	2.43	
$x_2 = 0.333$						88O1
$T/^\circ C$	-54.0	-40.0	-18.0	38.0	99.0	
$v/(mm^2/s)$	2127.	570.	112.9	10.44	2.88	
$x_2 = 0.667$						88O1
$T/^\circ C$	-54.0	-40.0	-18.0	38.0	99.0	
$v/(mm^2/s)$	3031.	756.	144.5	12.29	3.27	
$x_2 = 1.000$						88O1
$T/^\circ C$	-40.0	-18.0	38.0	99.0		
$v/(mm^2/s)$	978.	180.4	14.33	3.63		
2794	C₂₈H₅₄ (1) C₂₈H₅₈ (2)		1-cyclohexyl-2-cyclohexylmethyl-pentadecane 9-octyl-eicosane			55255-74-8 13475-77-9
$T/^\circ C = 0.0$						42S1
x_2	0.00	0.25	0.50	0.75	1.00	
$v/(mm^2/s)$	500.	213.6	120.7	77.98	60.2	
$T/^\circ C = 20.0$						42S1

x_2	0.00	0.25	0.50	0.75	1.00	
$v/(mm^2/s)$	107.0	61.73	40.57	29.25	22.39	
$T/^\circ C = 37.8$						42S1
x_2	0.00	0.25	0.50	0.75	1.00	
$v/(mm^2/s)$	40.27	26.63	19.26	14.86	12.03	
$T/^\circ C = 98.9$						42S1
x_2	0.00	0.25	0.50	0.75	1.00	
$v/(mm^2/s)$	5.63	4.67	3.99	3.48	3.10	
2795	C₃₃H₆₂O₆ (1) C₅₁H₉₈O₆ (2)		1,2,3-tris-(decanoyloxy)-propane 1,2,3-tris-(hexadecanoyloxy)-propane			621-71-6 555-44-2
$T/^\circ C = 70.0$						97V1
x_1	0.0000	0.3746	0.6247	0.8368	1.0000	
$v/(mm^2/s)$	17.3069	13.4583	10.2601	7.5221	5.6760	
$T/^\circ C = 75.0$						97V1
x_1	0.0000	0.3746	0.6247	0.8368		
$v/(mm^2/s)$	15.4161	11.7847	9.0904	6.8934		
$T/^\circ C = 80.0$						97V1
x_1	0.0000	0.3746	0.6247	0.8368	1.0000	
$v/(mm^2/s)$	13.1755	10.3905	8.1441	6.1371	4.7348	
$T/^\circ C = 85.0$						97V1
x_1	0.0000	0.3746	0.6247	0.8368		
$v/(mm^2/s)$	11.6050	9.2749	7.3108	5.5109		
$T/^\circ C = 90.0$						97V1
x_1	0.0000	0.3746	0.6247	0.8368	1.0000	
$v/(mm^2/s)$	10.3734	8.2871	6.4489	5.0264	3.7795	
2796	C₃₃H₆₂O₆ (1) C₅₇H₁₁₀O₆ (2)		1,2,3-tris-(decanoyloxy)-propane 1,2,3-tris-(octadecanoyloxy)-propane			621-71-6 555-43-1
$T/^\circ C = 75.0$						97V1
x_1	0.0000	0.3908	0.6527	0.8209		
$v/(mm^2/s)$	18.7471	13.9865	10.0849	7.7684		
$T/^\circ C = 80.0$						97V1
x_1	0.0000	0.3908	0.6527	0.8209	1.0000	
$v/(mm^2/s)$	16.3086	12.3157	9.1773	6.9627	4.7348	
$T/^\circ C = 85.0$						97V1
x_1	0.0000	0.3908	0.6527	0.8209		
$v/(mm^2/s)$	14.4477	10.9739	8.0759	6.2712		

$T/^\circ\text{C} = 90.0$						97V1
x_1	0.0000	0.3908	0.6527	0.8209	1.0000	
$v/(\text{mm}^2/\text{s})$	12.9165	9.8135	7.3371	5.6972	3.7795	
2797	$\text{C}_{51}\text{H}_{98}\text{O}_6$ (1)		1,2,3-tris-(hexadecanoyloxy)-propane			555-44-2
	$\text{C}_{57}\text{H}_{110}\text{O}_6$ (2)		1,2,3-tris-(octadecanoyloxy)-propane			555-43-1
$T/^\circ\text{C} = 75.0$						97V1
x_1	0.0000	0.2688	0.5246	0.7638	1.0000	
$v/(\text{mm}^2/\text{s})$	18.7471	18.4255	17.6775	16.5723	15.4161	
$T/^\circ\text{C} = 80.0$						97V1
x_1	0.0000	0.2688	0.5246	0.7638	1.0000	
$v/(\text{mm}^2/\text{s})$	16.3086	16.1902	15.5041	14.5748	13.1755	
$T/^\circ\text{C} = 85.0$						97V1
x_1	0.0000	0.2688	0.5246	0.7638	1.0000	
$v/(\text{mm}^2/\text{s})$	14.4477	14.2827	13.7426	12.9343	11.6050	
$T/^\circ\text{C} = 90.0$						97V1
x_1	0.0000	0.2688	0.5246	0.7638	1.0000	
$v/(\text{mm}^2/\text{s})$	12.9165	12.7447	12.2992	11.5051	10.3734	
2798	$\text{C}_{57}\text{H}_{104}\text{O}_6$ (1)		<i>cis</i>-octadec-9-enoic acid 1,2,3-propanetriyl ester			122-32-7
	$\text{C}_{57}\text{H}_{110}\text{O}_6$ (2)		1,2,3-tris-(octadecanoyloxy)-propane			555-43-1
$T/^\circ\text{C} = 75.0$						97V1
x_1	0.0000	0.2509	0.5045	0.7498		
$v/(\text{mm}^2/\text{s})$	18.7471	17.9429	16.7529	15.0578		
$T/^\circ\text{C} = 80.0$						97V1
x_1	0.0000	0.2509	0.5045	0.7498	1.0000	
$v/(\text{mm}^2/\text{s})$	16.3086	15.8549	14.8047	13.3848	12.2278	
$T/^\circ\text{C} = 85.0$						97V1
x_1	0.0000	0.2509	0.5045	0.7498		
$v/(\text{mm}^2/\text{s})$	14.4477	14.0841	13.1119	12.0014		
$T/^\circ\text{C} = 90.0$						97V1
x_1	0.0000	0.2509	0.5045	0.7498	1.0000	
$v/(\text{mm}^2/\text{s})$	12.9165	12.3673	11.7559	10.8063	9.9367	

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